



Silver Peak

Hardware Reference Guide

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Silver Peak Hardware Reference Guide

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NX-6700 [PN 200828]	144
NX-6700 [PN 201023]	146
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NX-7700 [PN 200702]	151
NX-7700 [PN 201024]	153
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Replacing an HDD, SSD, or NVMe

This chapter describes how to replace an HDD (Hard Disk Drive), SDD (Solid State Drive), or NVMe (Non-Volatile Memory express) for those appliances for which the customer is authorized to make the replacement.



CAUTION Silver Peak does not authorize customer to replace the single HDD or SSD in the EC-XS, EC-S, NX-700, or NX-1700. Replacing it voids the warranty. Contact Silver Peak Support for return and repair instructions.

Using Appliance Manager

Physical appliances have redundant encrypted disks.

Disk failure results in a **critical alarm**, and the specific disk's LED stops illuminating on the appliance.

To replace a failed disk:

1. Log into your Support portal account, and click **Open a Self Service RMA** for disk replacement.
2. Complete the wizard, using the serial number of the appliance (not the disk).
3. After you receive the new disk, go to the **Maintenance - Disk Management** page.
4. Select the failed disk's row in the table and click **Remove**. This takes the disk off-line.
5. Physically remove the old disk from the appliance.
6. Physically insert the new disk.
7. In the table, select the new disk and click **Insert**. This prompts the software to discover the disk and put it online.

Displays the progress of a new disk that's being rebuilt from its array partner.

If a disk has been physically removed, the **Status** is **NOT-IN-SERVICE** and no **Serial Number** displays.

The screenshot shows the Silver Peak management interface. At the top, there's a navigation bar with tabs for Application View, Network View, Monitoring, Configuration, Administration, Maintenance, and Support. On the right, system information is displayed: Name: Tallinn (Normal), Model: NX-8600, Up Time: 11m 6s, VVOA: 7.3.1.0_56581, Time: 2015/09/23 00:51:32 UTC, User: admin [logout]. A 'Save Changes' button is also present. Below the navigation bar, there are alarm counts: 0 Critical, 4 Major, 0 Minor, 0 Warn.

The main section is titled 'Disk Management' and contains a table with the following columns: Slot ID, Pairing Slot ID, Status, Rebuild Status, Size(GB), Serial Number, and Removable. The table lists 16 disks. Disk 1 (Slot ID 1, Pairing Slot ID 0) has a Status of 'NOT-IN-SERVICE' and no Serial Number is displayed. Disk 5 (Slot ID 5, Pairing Slot ID 4) has a Status of 'DEGRADED'. All other disks have a Status of 'OK' and a Rebuild Status of 'COMPLETE'. The Serial Number for all disks is 465. The Removable column for all disks is 'yes'.

To the right of the table is a 'Disk Layout' diagram showing a 4x4 grid of disk slots. The slots are numbered 0 through 15. Slot 1 is highlighted in red, indicating it is 'NOT-IN-SERVICE'. Slot 5 is highlighted in yellow, indicating it is 'DEGRADED'. All other slots are highlighted in green, indicating they are 'OK'.

If a disk's **Status** is **DEGRADED**, you need to **Remove** it from the database.

Physically Replacing a Disk

This section provides the model-specific procedures for using Appliance Manager to replace an HDD or SSD.

Model	Part Number	HDD or SSD			Where to find
		Qty	Allow user to replace	Hot swappable	
EC-US	201106	1	no	--	--
EC-XS	200889	1	no	--	--
EC-XS-FIPS	201447	1	no	--	--
EC-S	200877	2	no	--	--
EC-M	200890	2	yes	yes	Disk Instruction Set A
EC-M-B	200969	2	yes	yes	Disk Instruction Set A
EC-M-P	201274	2	yes	yes	Disk Instruction Set A
EC-M-P-FIPS	201448	2	yes	yes	Disk Instruction Set A
EC-L	200883	2	yes	yes	Disk Instruction Set A
EC-L-B	201270	2	yes	yes	Disk Instruction Set A
EC-L-P	201305	2	yes	yes	Disk Instruction Set A
EC-L-NM	200887	8	yes	yes	Disk Instruction Set A
EC-L-B-NM	201272	4	yes	yes	Disk Instruction Set A
EC-L-P-NM	201307	4	yes	yes	Disk Instruction Set A
EC-XL	200884	2	yes	yes	Disk Instruction Set A
EC-XL-B	201271	2	yes	yes	Disk Instruction Set A
EC-XL-P	201306	2	yes	yes	Disk Instruction Set A
EC-XL-P-FIPS	201449	2	yes	yes	Disk Instruction Set A
EC-XL-NM	200888	6	yes	yes	Disk Instruction Set A
EC-XL-B-NM	201273	4	yes	yes	Disk Instruction Set A
EC-XL-P-NM	201308	4	yes	yes	Disk Instruction Set A
NX-700	200849	1	no	--	--
NX-1700 AC	200404	1	no	--	--
NX-1700 AC	200576	1	no	--	--
NX-1700 DC	200464	1	no	--	--
NX-1700	200863	1	no	--	--
NX-2700	200401	2	yes	yes	Disk Instruction Set C
NX-2700	200697	2	yes	yes	Disk Instruction Set A
NX-2700	201020	2	yes	yes	Disk Instruction Set A
NX-3700	200400	2	yes	yes	Disk Instruction Set C
NX-3700	200698	2	yes	yes	Disk Instruction Set A
NX-3700	201021	2	yes	yes	Disk Instruction Set A
NX-5700	200399	8	yes	yes	Disk Instruction Set C
NX-5700	200699	8	yes	yes	Disk Instruction Set A
NX-5700	201022	4	yes	yes	Disk Instruction Set A
NX-6700	200828	8	yes	yes	Disk Instruction Set A
NX-6700	201023	4	yes	yes	Disk Instruction Set A
NX-7700	200398	10	yes	yes	Disk Instruction Set C
NX-7700	200702	8	yes	yes	Disk Instruction Set A
NX-7700	201024	4	yes	yes	Disk Instruction Set A
NX-8700 ¹	200397	14	yes	yes	Disk Instruction Set C
NX-8700	200767	14	yes	yes	Disk Instruction Set B
NX-8700	200879	8	yes	yes	Disk Instruction Set A

Model	Part Number	HDD or SSD			Where to find
		Qty	Allow user to replace	Hot swappable	
NX-8700	201266	4	yes	yes	Disk Instruction Set A
NX-9700 ²	200396	14	yes	yes	Disk Instruction Set C
NX-9700	200768	14	yes	yes	Disk Instruction Set B
NX-9700	200880	8	yes	yes	Disk Instruction Set A
NX-9700	201267	4	yes	yes	Disk Instruction Set A
NX-10700	200519	18	yes	yes	Disk Instruction Set C
NX-10700	200769	18	yes	yes	Disk Instruction Set B
NX-10700	200881	6	yes	yes	Disk Instruction Set A
NX-10700	201268	4	yes	yes	Disk Instruction Set A
NX-11700	200711	18	yes	yes	Disk Instruction Set B
NX-11700	200882	6	yes	yes	Disk Instruction Set A
NX-11700	201269	4	yes	yes	Disk Instruction Set A












¹Two disk configurations -- regular and "v"














²Two disk configurations -- regular and "v"




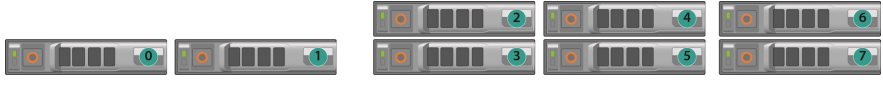


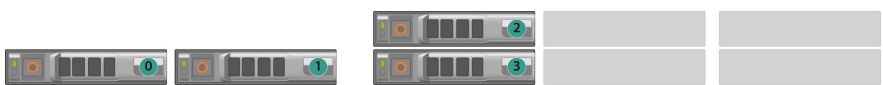


Disk Instruction Set A

These appliance drives are hot-swappable.

The first disk on the left is **Disk 0**. The numbers increment by one from left to right.

EC-XL-NM [PN 200888] 2 SSD + 4 NVMe	
EC-XL-B-NM [PN 201273] 2 SSD + 2 NVMe	
EC-XL-P-NM [PN 201308] 2 SSD + 2 NVMe	
EC-XL [PN 200884] 2 SSD	
EC-XL-B [PN 201271] 2 SSD	
EC-XL-P [PN 201306] 2 SSD	
EC-XL-P-FIPS [PN 201449] 2 SSD	
EC-L-NM [PN 200887] 8 SSD	
EC-L-B-NM [PN 201272] 2 SSD + 2 NVMe	
EC-L-P-NM [PN 201307] 2 SSD + 2 NVMe	
EC-L [PN 200883] 2 SSD	

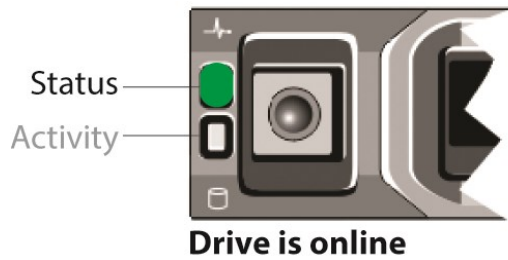
<p>EC-L-B [PN 201270]</p> <p>2 SSD</p>	
<p>EC-L-P [PN 201305]</p> <p>2 SSD</p>	
<p>EC-M [PN 200890]</p> <p>2 SSD</p>	
<p>EC-M-B [PN 200969]</p> <p>2 SSD</p>	
<p>EC-M-P [PN 201274]</p> <p>2 SSD</p>	
<p>EC-M-P-FIPS [PN 201448]</p> <p>2 SSD</p>	
<p>NX-11700 [PN 200882]</p> <p>2 SSD + 4 NVMe</p>	
<p>NX-11700 [PN 201269]</p> <p>2 SSD + 2 NVMe</p>	
<p>NX-10700 [PN 200881]</p> <p>2 SSD + 4 NVMe</p>	
<p>NX-10700 [PN 201268]</p> <p>2 SSD + 2 NVMe</p>	
<p>NX-9700 [PN 200880]</p> <p>8 SSD</p>	
<p>NX-9700 [PN 201267]</p> <p>2 SSD + 2 NVMe</p>	
<p>NX-8700 [PN 200879]</p> <p>8 SSD</p>	

<p>NX-8700 [PN 201266]</p> <p>2 SSD + 2 NVMe</p>	
<p>NX-7700 [PN 200702]</p> <p>8 SSD</p>	
<p>NX-7700 [PN 201024]</p> <p>4 SSD</p>	
<p>NX-6700 [PN 200828]</p> <p>8 SSD</p>	
<p>NX-6700 [PN 201023]</p> <p>4 SSD</p>	
<p>NX-5700 [PN 200699]</p> <p>8 SSD</p>	
<p>NX-5700 [PN 201022]</p> <p>4 SSD</p>	
<p>NX-3700 [PN 200698] [PN 201021]</p> <p>2 SSD</p>	
<p>NX-2700 [PN 200697] [PN 201020]</p> <p>2 SSD</p>	

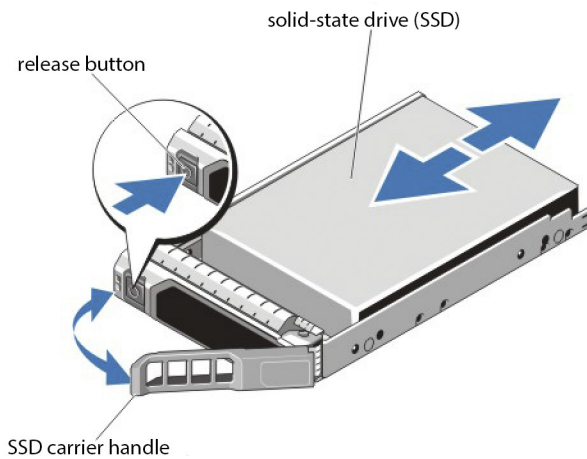
To take the disk off-line

1. Go to the **Maintenance - Disk Management** page, select the disk, and click **Remove**.

If the SSD is online, the green activity/fault indicator flashes as the drive is turned off. When the SSD indicators are off, the SSD is ready for removal.



2. Press the release button to open the SSD carrier release handle.







3. Slide the SSD carrier out until it is free of the hard-drive slot.
4. Press the release button on the front of the SSD carrier and open the SSD carrier handle.
5. Insert the SSD carrier into the SSD slot until the carrier connects with the backplane.
6. Close the SSD carrier handle to lock the SSD in place.
7. To put the disk back online, go to the **Maintenance - Disk Management** page, select the disk, and click **Insert**.

Disk Instruction Set B

These appliance drives are hot-swappable.

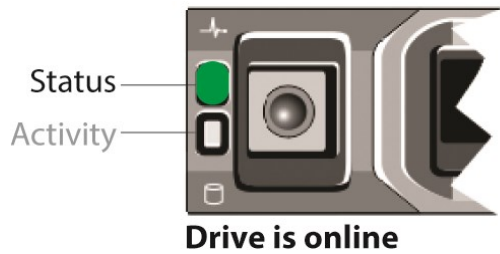
The first disk on the left is **Disk 0**. The numbers increment by one from left to right.

<p>NX-11700 [PN 200711]</p> <p>18 SSD</p>	
<p>NX-10700 [PN 200769]</p> <p>18 SSD</p>	
<p>NX-9700 [PN 200768]</p> <p>14 SSD</p>	
<p>NX-8700 [PN 200767]</p> <p>14 SSD</p>	

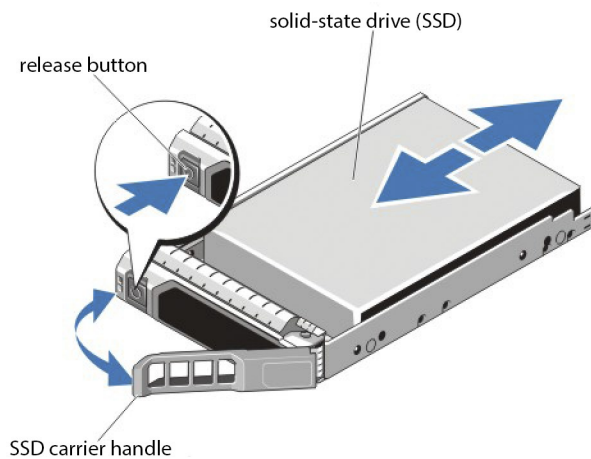
To take the disk off-line

1. Go to the **Maintenance - Disk Management** page, select the disk, and click **Remove**.

If the SSD is online, the green activity/fault indicator flashes as the drive is turned off. When the SSD indicators are off, the SSD is ready for removal.



2. Press the release button to open the SSD carrier release handle.

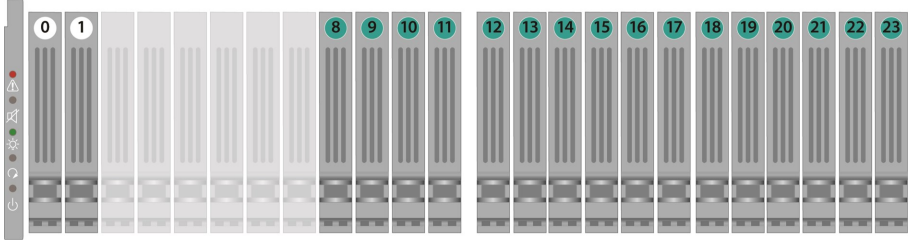
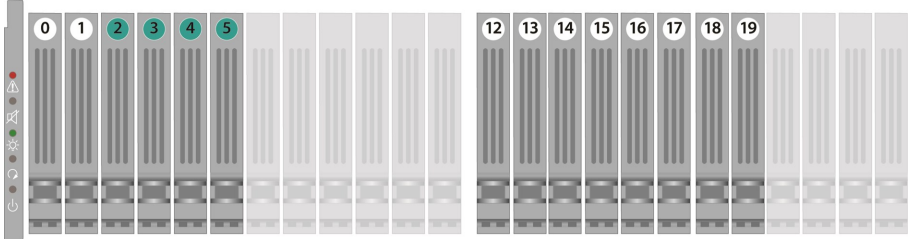


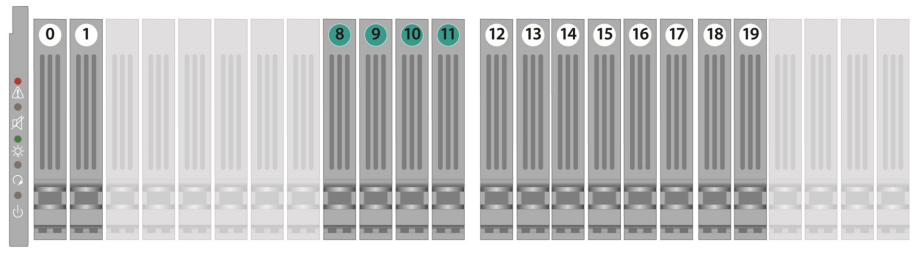
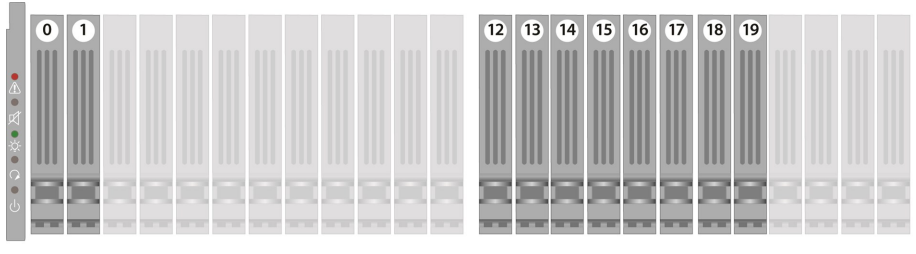
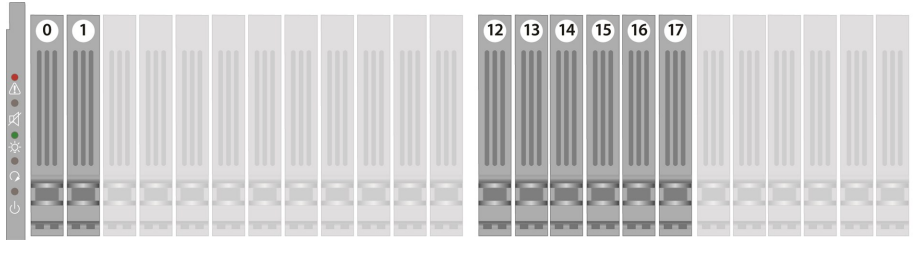
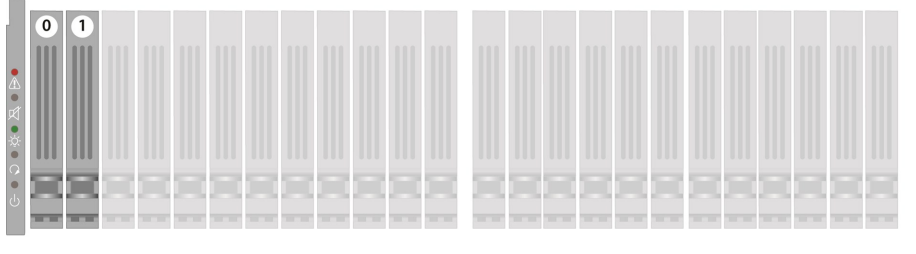
3. Slide the SSD carrier out until it is free of the SSD slot.
4. Press the release button on the front of the SSD carrier and open the SSD carrier handle.
5. Insert the SSD carrier into the SSD slot until the carrier connects with the backplane.
6. Close the SSD carrier handle to lock the SSD in place.
7. To put the SSD online, go to the **Maintenance - Disk Management** page, select the disk, and click **Insert**.

Disk Instruction Set C

The first disk on the left is **Disk 0**. The numbers increment by one from left to right. These appliance hard disks are hot-swappable.

The NX-9700 and NX-8700 have two possible backplane configurations. The newer revision was released in March 2011.

<p>NX-10700 [PN 200519]</p> <p>2 HDD + 16 SSD</p>	<p>Note that the NX-10700 appliances contain a mix of SATA hard disk drives and SSDs (solid-state drives).</p>  <p>SATA hard disk drives</p> <p>Solid-state disks</p>
<p>NX-9700 [PN 200396]</p> <p>NX-8700 [PN 200397]</p> <p>10 HDD + 4 SSD</p> <p>Release -001</p>	<p>Note that the NX-9700 and NX-8700 appliances contain a mix of SATA hard disk drives and SSDs (solid-state drives).</p>  <p>SATA hard disk drives</p> <p>Solid-state disks</p> <p>SATA hard disk drives</p>

<p>NX-9700 [PN 200396]</p> <p>NX-8700 [PN 200397]</p> <p>10 HDD + 4 SSD</p> <p>Release -002 March 2011</p>	<p style="color: green; text-align: center;">Note that the NX-9700 and NX-8700 appliances contain a mix of SATA hard disk drives and SSDs (solid-state drives).</p>  <p style="text-align: center;">SATA hard disk drives Solid-state disks SATA hard disk drives</p>
<p>NX-7700 [PN 200398]</p> <p>10 HDD</p>	
<p>NX-5700 [PN 200399]</p> <p>8 HDD</p>	
<p>NX-3700 [PN 200400]</p> <p>NX-2700 [PN 200401]</p> <p>2 HDD</p>	

These are the two types of disk drives:

Solid-state drive (SSD)
with spacer

SATA hard disk drive



To take the disk off-line

1. Go to the **Maintenance - Disk Management** page, select the disk, and click **Remove**.
2. Unlatch the carrier by pinching the latch together and then pulling the tab towards yourself.

Pinch the latch together.



Grasp the tab and pull forward to release.



3. Pull the disk out of its slot.
4. Insert the new disk and push until it clicks into place.

Push the top of the disk inward until it clicks into place.



Push the latch against the tray to secure it.



5. To put the disk back online, go to the **Maintenance - Disk Management** page, select the disk, and click **Insert**.

The hard drive powers up.

Replacing a Power Supply

This chapter describes how to replace a power supply for those appliances for which the customer is authorized to make the replacement.



CAUTION Silver Peak does NOT authorize the customer to replace the power supplies in the NX-700 or NX-1700, or power adapters in the EC-US and EC-XS. Replacement voids the warranty.



WARNING Do not open the casing of a power supply. Opening the casing of a power supply voids the warranty. Only a qualified technician from the manufacturer has the authority to access and/or service power supplies.

The following table summarizes information about replacing redundant power supplies in authorized appliance models:

Model	Part Number	Power Supplies			Where to find
		Qty	Allow user to replace	Hot swappable	
EC-M	200890	2	yes	yes	Power Supply Instruction Set A
EC-M-B	200969	2	yes	yes	Power Supply Instruction Set A
EC-M-P	201274	2	yes	yes	Power Supply Instruction Set A
EC-M-P-FIPS	201448	2	yes	yes	Power Supply Instruction Set A
EC-L	200883	2	yes	yes	Power Supply Instruction Set A
EC-L-B	201270	2	yes	yes	Power Supply Instruction Set A
EC-L-P	201305	2	yes	yes	Power Supply Instruction Set A
EC-L-NM	200887	2	yes	yes	Power Supply Instruction Set A
EC-L-B-NM	201272	2	yes	yes	Power Supply Instruction Set A
EC-L-P-NM	201307	2	yes	yes	Power Supply Instruction Set A
EC-XL	200884	2	yes	yes	Power Supply Instruction Set A
EC-XL-B	201271	2	yes	yes	Power Supply Instruction Set A
EC-XL-P	201306	2	yes	yes	Power Supply Instruction Set A
EC-XL-P-FIPS	201449	2	yes	yes	Power Supply Instruction Set A
EC-XL-NM	200888	2	yes	yes	Power Supply Instruction Set A
EC-XL-B-NM	201273	2	yes	yes	Power Supply Instruction Set A
EC-XL-P-NM	201308	2	yes	yes	Power Supply Instruction Set A
NX-2700	200401	2	yes	yes	Power Supply Instruction Set C
NX-2700	200697	2	yes	yes	Power Supply Instruction Set A
NX-2700	201020	2	yes	yes	Power Supply Instruction Set A
NX-3700	200400	2	yes	yes	Power Supply Instruction Set C
NX-3700	200698	2	yes	yes	Power Supply Instruction Set A
NX-3700	201021	2	yes	yes	Power Supply Instruction Set A
NX-5700	200399	2	yes	yes	Power Supply Instruction Set C
NX-5700	200699	2	yes	yes	Power Supply Instruction Set A
NX-5700	201022	2	yes	yes	Power Supply Instruction Set A

Model	Part Number	Power Supplies			Where to find
		Qty	Allow user to replace	Hot swappable	
NX-6700	200828	2	yes	yes	Power Supply Instruction Set A
NX-6700	201023	2	yes	yes	Power Supply Instruction Set A
NX-7700	200398	2	yes	yes	Power Supply Instruction Set C
NX-7700	200702	2	yes	yes	Power Supply Instruction Set A
NX-7700	201024	2	yes	yes	Power Supply Instruction Set A
NX-8700 ¹	200397	2	yes	yes	Power Supply Instruction Set C
NX-8700	200767	2	yes	yes	Power Supply Instruction Set B
NX-8700	200879	2	yes	yes	Power Supply Instruction Set A
NX-8700	201266	2	yes	yes	Power Supply Instruction Set A
NX-9700 ²	200396	2	yes	yes	Power Supply Instruction Set C
NX-9700	200768	2	yes	yes	Power Supply Instruction Set B
NX-9700	200880	2	yes	yes	Power Supply Instruction Set A
NX-9700	201267	2	yes	yes	Power Supply Instruction Set A
NX-10700	200519	2	yes	yes	Power Supply Instruction Set C
NX-10700	200769	2	yes	yes	Power Supply Instruction Set B
NX-10700	200881	2	yes	yes	Power Supply Instruction Set A
NX-10700	201268	2	yes	yes	Power Supply Instruction Set A
NX-11700	200711	2	yes	yes	Power Supply Instruction Set B
NX-11700	200882	2	yes	yes	Power Supply Instruction Set A
NX-11700	201269	2	yes	yes	Power Supply Instruction Set A

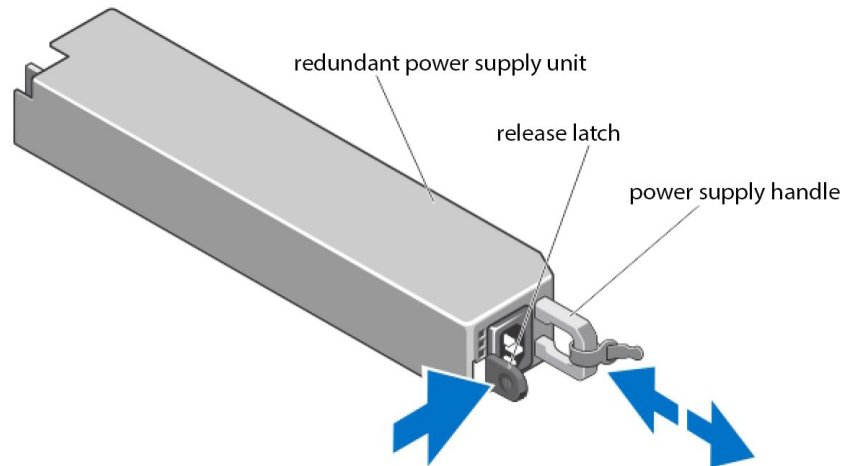
¹Two disk configurations -- regular and "v"

²Two disk configurations -- regular and "v"

Power Supply Instruction Set A

To replace the power supply

1. Disconnect the power cable from the power source and the power supply you intend to remove.
2. Press the release latch and pull the power supply straight out to release it from the power distribution board and clear the chassis.



3. Slide the new power supply into the chassis until the power supply is fully seated and the release latch snaps into place.
4. Connect the power cable to the power supply and plug the cable into a power outlet.

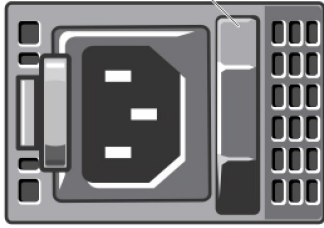


NOTE When hot-swapping a new power supply, allow several seconds for the system to recognize the power supply and determine its status. The power-supply status indicator turns green to signify that the power supply is functioning properly.

Power Indicator Codes - Set A

Each power supply has an illuminated translucent handle that serves as an indicator to show whether power is present or whether a power fault has occurred.

power supply status indicator

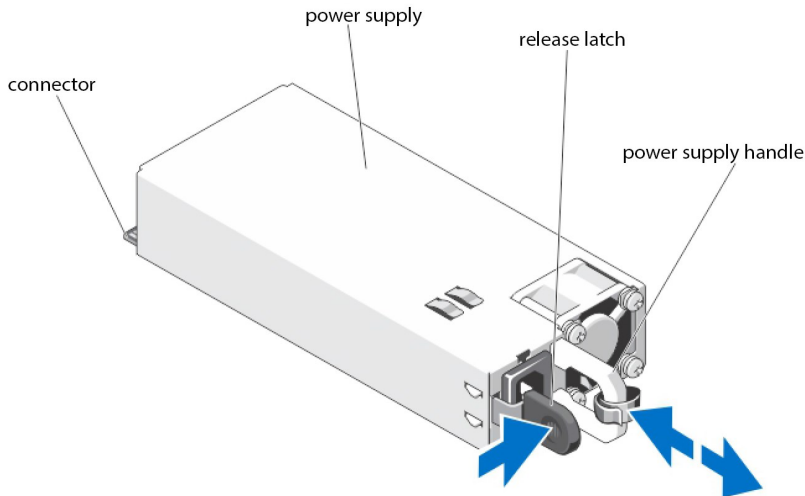


Power Indicator Pattern	Condition
Not lit	Power is not connected.
Green	The handle/LED indicator illuminates green to indicate that a valid power source is connected to the power supply and that the power supply is operational.
Flashing amber	Indicates a problem with the power supply. Contact Silver Peak Support.

Power Supply Instruction Set B

To replace the power supply

1. Disconnect the power cable from the power source and the power supply you intend to remove.
2. Press the release latch and slide the power supply out of the chassis.



3. Slide the new power supply into the chassis until the power supply is fully seated and the release latch snaps into place.
4. Connect the power cable to the power supply and plug the cable into a power outlet.

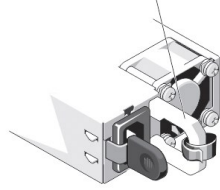


NOTE When hot-swapping a new power supply, allow several seconds for the system to recognize the power supply and determine its status. The power-supply status indicator turns green to signify that the power supply is functioning properly.

Power Indicator Codes - Set B

Each power supply has an illuminated translucent handle that serves as an indicator to show whether power is present or whether a power fault has occurred.

power supply status indicator



Power Indicator Pattern	Condition
Not lit	Power is not connected.
Green	The handle/LED indicator illuminates green to indicate that a valid power source is connected to the power supply and that the power supply is operational.
Flashing amber	Indicates a problem with the power supply. Contact Silver Peak Support.

Power Supply Instruction Set C



CAUTION Unplug the power cord before removing the power supply!!!

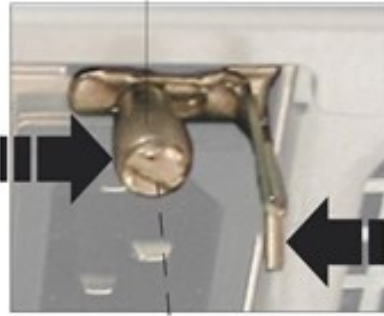


NOTE The photos are of the NX-x600 series. The power supplies in the NX-x700 appliances look recognizably similar.

To remove the power supply

Locate the release tab on the right side of the power supply.

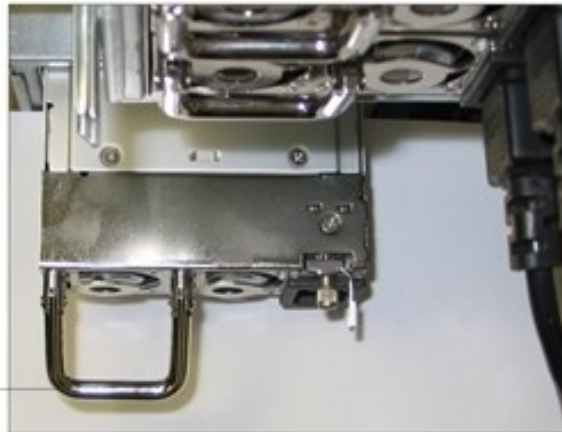
1. Turn the screw counter-clockwise to loosen it.



2. To release the power supply from its locking position, squeeze the screw and the release tab together. Then hold it there while you



3. ...grip the handle to remove the power supply from the chassis.



4. Once the power supply module is released from its locking position, remove it from the chassis.

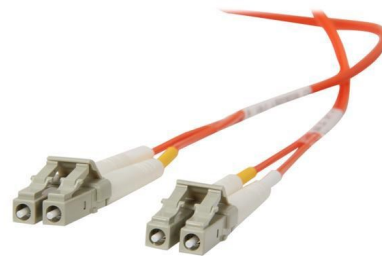
To insert a new power supply, reverse the procedure.

Installing a Fiber Interface Transceiver

The following fiber-interface appliance models support SR (Short Reach) and LR (Long Reach) transceivers.

Appliance Model	Appliance Part Number	SFP+ Optical Transceivers	
		Data Rate	Models
NX-11700	200711	10 Gbps	FTLX8571D3BCL – SR – Short Reach (default) FTLX1471D3BCL – LR – Long Reach
NX-10700	200519		
NX-10700	200769		
NX-9700	200768		
NX-9700	200396		
NX-8700	200397		
NX-8700	200767		
EC-M-P	201274	1/10 Gbps (Dual Rate)	FTLX8574D3BCVSPK – SR – Short Reach
EC-M-P-FIPS	201448		
EC-L-P	201305		FTLX1475D3BCVSPK – LR – Long Reach
EC-L-P-NM	201307		
EC-XL-P	201306		
EC-XL-P-FIPS	201449		
EX-XL-P-NM	201308		

SR (Short Reach) Fiber Interface



Beige bail (handle) with beige connector

Duplex multimode 50/125 Fiber Patch Cable (LC/LC) to be used with SR (Short Reach)

LR (Short Reach) Fiber Interface



Blue bail (handle) with blue connector

Duplex single mode 8.3/125 Fiber Patch Cable (LC/LC) to be used with LR (Long Reach)

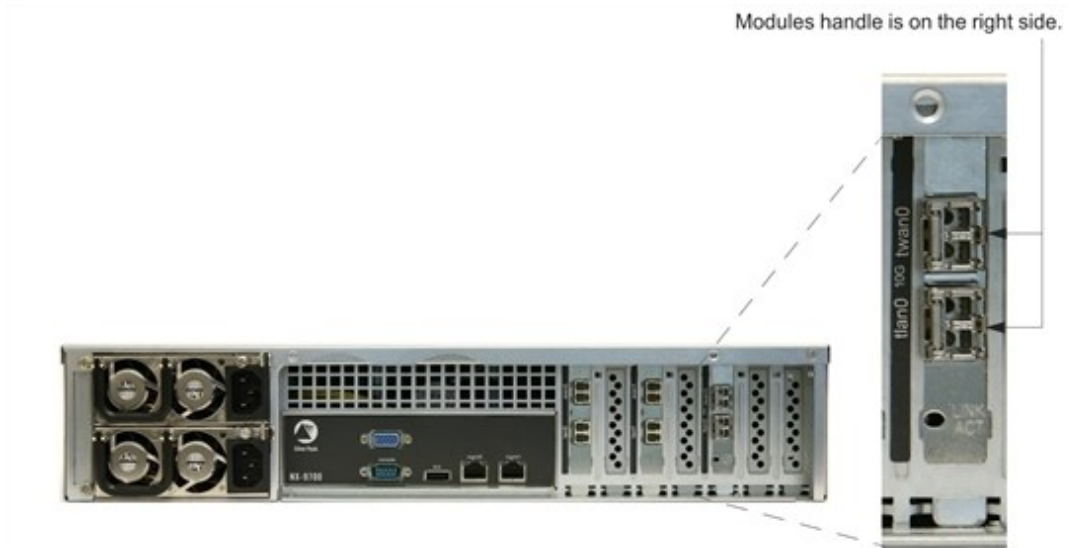
These transceivers are hot-swappable.



WARNING If you don't turn off the power while replacing the transceiver, be sure to protect your eyes from exposure to the laser; be careful to avoid looking directly into the interface housing.

To install a fiber interface transceiver

1. Locate the fiber interface(s).
[Using NX-9700 as an example.]



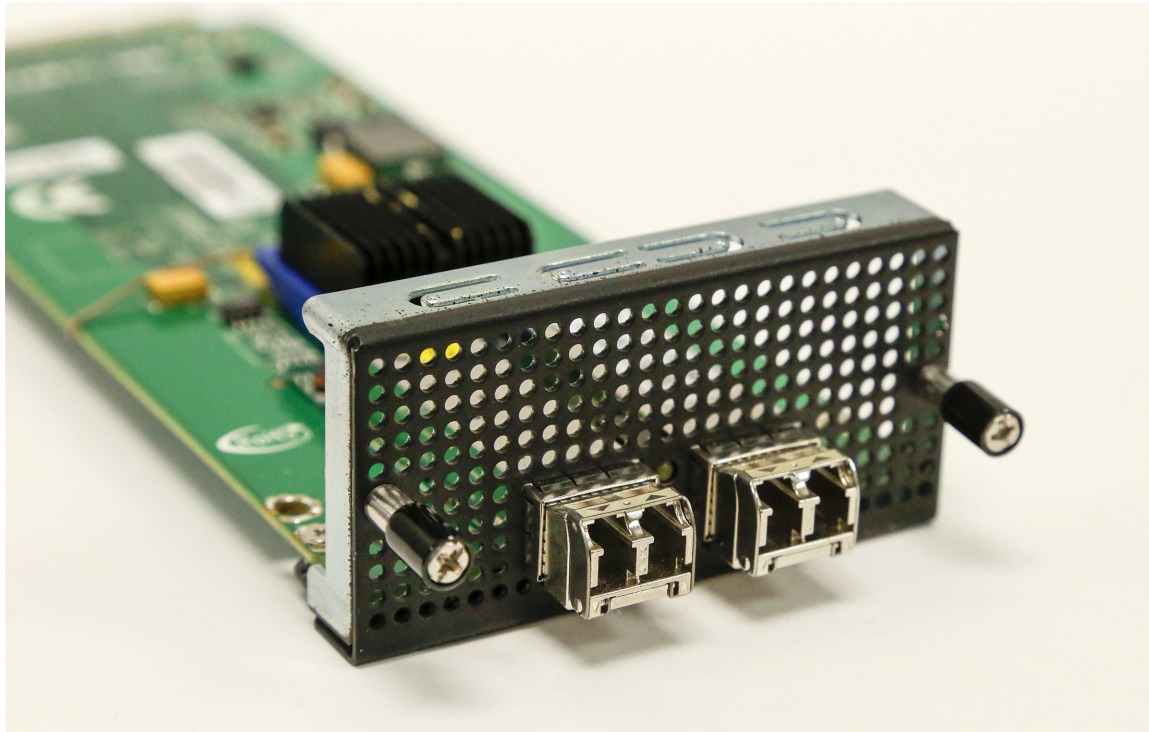
2. Lift the handle and rotate it 90 degrees to the left to release the transceiver from its locking position.



3. Pull the handle to remove the transceiver from the chassis.
4. To insert a new module, repeat the procedure in reverse. The transceiver is fully seated when you hear a click.

EdgeConnect EC-S Transceiver Modules

Appliance Model	Appliance Part Number	SFP+ Optical Transceivers Data Rate
EC-S	200877	1/10 Gbps (Dual Rate)



The SFP+ optical transceivers for the **EC-S** appliance come as a module. You have a choice of either the **SR** or **LR** module:

- Short Reach (**SR**) transceiver's bail (handle) is **beige**.
- Long Reach (**LR**) transceiver's bail (handle) is **blue**.

Replacing a Deployed Appliance

The following bullets summarize information about using Appliance Manager or Orchestrator when replacing an appliance that's already deployed in your network:

- If you've made a backup of the appliance configuration, you'll be able to restore it to the new appliance. If not, you must manually configure the new appliance.

To manually configure the appliance, refer to the following user documents:

- [Silver Peak Appliance Manager Operator's Guide](#) [200030-001]
 - [Silver Peak Unity Orchestrator User's Guide](#) [200095-001]
- If you're replacing a 4-port appliance and want to restore the backup configuration, then make sure that the new appliance is also a 4-port appliance.

Replacing a Deployed EdgeConnect Appliance

We recommend using Orchestrator when replacing one EdgeConnect device with another.

1. Before removing the installed appliance, look at its configuration and write down the **mgmt0 IP addresses / netmask** and **mgmt0 next-hop IP address**.
2. If you haven't backed up the configuration, do it now, using Orchestrator.
3. Navigate to the **Licenses** tab in the Orchestrator UI (Configuration > Licensing > Licenses).
4. Select the **Edit** icon next to the icon you want to RMA. The **Configure EdgeConnect License** window opens.
5. Select **Revoke**.
6. Select **Apply**.
7. Power down, disconnect, and remove the old appliance.
8. Physically install the new [replacement] appliance.

If you need to review rack mount instructions, refer to Silver Peak's [User Documentation web page](#).

9. Cable the appliance, as directed. As needed, refer to the [Unity EdgeConnect Quick Start Guide](#) [PN 200907-001], *Part 1 - Physical Installation*.

After you power on the EdgeConnect appliance, it automatically registers its serial number with the Silver Peak Cloud Portal. The portal knows a serial number's associated account.

10. In the Orchestrator header, select the blinking **Appliances Discovered** box.



The **Discovered Appliances** tab opens, listing the most recently discovered appliances first.

11. After verifying that the appliance is yours, select **Approve** to add it to your network. A pop-up box appears, enabling you to assign the appliance to a group.
12. Make sure that the software revision in the new appliance is the same as in the replaced appliance:
 - If the previous appliance was at a **higher** software revision, upgrade the new appliance to that revision.
 - If the previous appliance was at a **lower** software revision, call Customer Support for assistance in downgrading.
13. Restore the backup configuration to the new appliance.
14. Finally, delete the removed EdgeConnect from the Orchestrator database. This also deletes all its backups.

Replacing a Deployed NX Appliance

When replacing one NX appliance with another, you can use either Orchestrator or Appliance Manager.

1. Before removing the installed appliance, look at its configuration and write down the **mgmt0 IP addresses / netmask** and **mgmt0 next-hop IP address**.
2. If you haven't backed up the configuration, do it now, using either Appliance Manager or Orchestrator.
 - When Appliance Manager creates a backup, the destination is the appliance itself. From there, you can download it to your computer. So, make sure you have a copy external to the appliance.
 - Orchestrator backs up appliances to the Orchestrator database.
3. Power down, disconnect, and remove the old appliance.
4. Physically install the new [replacement] appliance.

If you need to review rack mount instructions, refer to Silver Peak's [User Documentation web page](#).
5. To cable and configure the appliance, refer to the [NX Series Quick Start Guide](#) [PN 200257-001].
6. Make sure that the software revision in the new appliance is the same as in the replaced appliance:
 - If the previous appliance was at a **higher** software revision, upgrade the new appliance to that revision.
 - If the previous appliance was at a **lower** software revision, call Customer Support for assistance in downgrading.
7. Restore the backup configuration to the new appliance.

Model Specifications and Standards

This section includes general and model-specific specifications for the Silver Peak appliances.

Refer to the Quick Start Guides listed in the User Documentation section of <http://www.silver-peak.com/Support>:

- To verify the most current **VXOA host system requirements**
- To see which **hypervisors** Silver Peak's VXOA software currently supports.

Specifications for Hardware Appliances

		EC-US [PN 201106]	EC-XS [PN 200889]	EC-XS-FIPS [PN 201447]
Capacity	<i>WAN Capacity (All Features)</i>	Up to 100 Mbps	2 – 200 Mbps	2 – 200 Mbps
	<i>Local Data Store</i>	1 x 120 GB mSATA-mini SSD	1 x 120 GB SSD	1 x 120 GB SSD
Connectivity	<i>LAN/WAN Ethernet</i>	3 x 10/100/1000 1 LAN /2 WAN	4 x 10/100/1000 LAN WAN	4 x 10/100/1000 1 LAN WAN
	<i>Management</i>	RJ-45 serial port	2 x 10/100/1000; RJ-45 serial port	2 x 10/100/1000; RJ-45 serial port
Power	<i>Requirement</i>	100–240VAC 50–60Hz, 8.7 W / 29.7 BTU	100–240VAC 50–60Hz, 23 W / 78.5 BTU	100–240VAC 50–60Hz, 23 W / 78.5 BTU
Dimensions & Weight	<i>Power Supplies</i>	Single (Power Adapter)	Single (Power Adapter)	Single (Power Adapter)
	<i>Height</i>	0.8 in. (19.4 mm)	1.73 in. (44 mm)	1.73 in. (44 mm)
	<i>Width</i>	4.9 in. (124.26 mm)	9.45 in. (240 mm)	9.45 in. (240 mm)
	<i>Depth</i>	4.7 in. (119.66 mm)	6.54 in. (166 mm)	6.54 in. (166 mm)
	<i>Weight</i>	1.1 lbs (0.5 kg)	3.0 lbs (1.4 kg)	3.0 lbs. (1.4 kg)

		EC-S [PN 200877]	EC-M [PN 200890]	EC-M-B [PN 200969]
Capacity	<i>WAN Capacity (All Features)</i>	10 – 1000 Mbps	50 – 2000 Mbps	50 – 2000 Mbps
	<i>Local Data Store</i>	2 x 480 GB SSD	2 x 480 GB SSD	2 x 480 GB SSD
Connectivity	<i>LAN/WAN Ethernet</i>	6 x 10/100/1000 LAN WAN Optional 2 x 1/10 Gbps fiber LAN WAN	4 x 10/100/1000 LAN WAN; 2 x 1/10 Gbps fiber LAN WAN	4 x 10/100/1000 LAN WAN; 2 x 1/10 Gbps fiber LAN WAN
	<i>Management</i>	2 x 10/100/1000; RJ-45 serial port	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port
Power	<i>Requirement</i>	100–240VAC 47–63Hz, 100 W / 341 BTU	100–240VAC 50–60Hz, 126 W / 430 BTU	100–240VAC 50–60Hz, 132 W / 450 BTU
Dimensions & Weight	<i>Power Supplies</i>	Single	1+1 redundant	1+1 redundant
	<i>Height</i>	1.73 in. (44 mm)	1.69 in. (43 mm) 1 RU	1.68 in. (42.8 mm) 1 RU
	<i>Width</i>	16.97 in. (431 mm)	17.1 in. (434 mm)	17.1 in. (434 mm)
	<i>Depth</i>	12.01 in. (305 mm)	26.1 in. (663 mm)	24 in. (610 mm)
	<i>Weight</i>	11.0 lbs (5.0 kg)	26.0 lbs (11.8 kg)	24.0 lbs (10.8 kg)

		EC-M-P [PN 201274]	EC-M-P-FIPS [PN 201448]	EC-L [PN 200883]
Capacity	<i>WAN Capacity (All Features)</i>	50 – 2000 Mbps	50 – 2000 Mbps	1 – 5 Gbps
	<i>Local Data Store</i>	2 x 480 GB SSD	2 x 480 GB SSD	2 x 480 GB SSD
Connectivity	<i>LAN/WAN Ethernet</i>	4 x 10/100/1000 LAN WAN; 2 x 1/10 Gbps fiber LAN WAN	4 x 10/100/1000 LAN WAN; 2 x 1/10 Gbps fiber LAN WAN	4 x 10/100/1000 LAN WAN; 2 x 1/10 Gbps fiber LAN WAN
	<i>Management</i>	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; RS-232 serial port
Power	<i>Requirement</i>	100–240VAC 50–60Hz, 132 W / 450 BTU	100–240VAC 50–60Hz, 132 W / 450 BTU	100–240VAC 50–60Hz, 401 W / 1368 BTU
Dimensions & Weight	<i>Power Supplies</i>	1+1 redundant	1+1 redundant	1+1 redundant
	<i>Height</i>	1.69 in. (42.8 mm) 1 RU	1.69 in. (42.8 mm) 1 RU	1.69 in. (42.8 mm) 1 RU
	<i>Width</i>	17.1 in. (434 mm)	17.1 in. (434 mm)	17.34 in. (440.51 mm)
	<i>Depth</i>	24 in. (610 mm)	24 in. (610 mm)	28.57 in. (725.80 mm)
	<i>Weight</i>	24.0 lbs (10.8 kg)	24.0 lbs (10.8 kg)	36.0 lbs (16.3 kg)

		EC-L-B [PN 201270]	EC-L-P [PN 201305]	EC-L-NM [PN 200887]
Capacity	<i>WAN Capacity (All Features)</i>	1 – 5 Gbps	1 – 5 Gbps	1 – 5 Gbps
	<i>Local Data Store</i>	2 x 480 GB SSD	2 x 480 GB SSD	8 x 480 GB SSD
Connectivity	<i>LAN/WAN Ethernet</i>	4 x 10/100/1000 LAN WAN; 2 x 1/10 Gbps fiber LAN WAN	4 x 10/100/1000 LAN WAN; 2 x 1/10 Gbps fiber LAN WAN	4 x 10/100/1000 LAN WAN; 2 x 1/10 Gbps fiber LAN WAN
	<i>Management</i>	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port
Power	<i>Requirement</i>	100-240VAC 50-60Hz, 440 W / 1501 BTU	100-240VAC 50-60Hz, 440 W / 1501 BTU	100–240VAC 50–60Hz, 440 W / 1501 BTU
Dimensions & Weight	<i>Power Supplies</i>	1+1 redundant	1+1 redundant	1+1 redundant
	<i>Height</i>	1.69 in. (42.8 mm)	1.69 in (42.8 mm)	1.69 in. (42.8 mm) 1 RU
	<i>Width</i>	17.08 in (434.00 mm)	17.08 in (434.00 mm)	17.34 in. (440.51 mm)
	<i>Depth</i>	31.29 in (794.67 mm)	31.29 in (794.67 mm)	28.57 in. (725.80)
	<i>Weight</i>	36.0 lbs (16.3 kg)	36.0 lbs (16.3 kg)	36.0 lbs. (16.3 kg)

		EC-L-B-NM [PN 201272]	EC-L-P-NM [PN 201307]	EC-XL [PN 200884]
Capacity	<i>WAN Capacity (All Features)</i>	1 – 5 Gbps	1 – 5 Gbps	2 – 10 Gbps
	<i>Local Data Store</i>	2 x 480 GB SSD 2 x 1.6 TB NVMe SSD	2 x 480 GB SSD 2 x 1.6 TB NVMe SSD	2 x 480 GB SSD
Connectivity	<i>LAN/WAN Ethernet</i>	4 x 10/100/1000 LAN/WAN 2 x 1/10 Gb fiber LAN/WAN	4 x 10/100/1000 LAN/WAN 2 x 1/10 Gb fiber LAN/WAN	4 x 1/10 Gbps fiber LAN WAN
	<i>Management</i>	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port
Power	<i>Requirement</i>	100–240VAC 50–60Hz, 370 W / 1262 BTU	100–240VAC 50–60Hz, 370 W / 1262 BTU	100–240VAC 50–60Hz, 474 W / 1617 BTU
Dimensions & Weight	<i>Power Supplies</i>	1+1 redundant	1+1 redundant	1+1 redundant
	<i>Height</i>	1.69 in. (42.8 mm) 1 RU	1.69 in. (42.8 mm) 1 RU	1.69 in. (42.8 mm) 1 RU
	<i>Width</i>	17.08 in. (434.00 mm)	17.08 in. (434.00 mm)	17.34 in. (440.51 mm)
	<i>Depth</i>	31.29 in. (794.67 mm)	31.29 in. (794.67)	28.57 in. (725.80 mm)
	<i>Weight</i>	36.0 lbs (16.3 kg)	37.0 lbs (16.8 kg)	36.0 lbs. (16.3 kg)

		EC-XL-B [PN 201271]	EC-XL-P [PN 201306]	EC-XL-P-FIPS [PN 201449]
Capacity	<i>WAN Capacity (All Features)</i>	2 – 10 Gbps	2 – 10 Gbps	2 – 10 Gbps
	<i>Local Data Store</i>	2 x 480 GB SSD	2 x 480 GB SSD	2 x 480 GB SSD
Connectivity	<i>LAN/WAN Ethernet</i>	4 x 1/10 Gbps fiber LAN WAN	4 x 1/10 Gbps fiber LAN WAN	4 x 1/10 Gbps fiber LAN WAN
	<i>Management</i>	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port
Power	<i>Requirement</i>	100-240VAC 50-60Hz, 438 W / 1495 BTU	100-240VAC 50-60Hz, 438 W / 1495 BTU	100-240VAC 50-60Hz, 438 W / 1495 BTU
Dimensions & Weight	<i>Power Supplies</i>	1+1 redundant	1+1 redundant	1+1 redundant
	<i>Height</i>	1.69 in. (42.8 mm) 1 RU	1.69 in. (42.8 mm) 1 RU	1.69 in. (42.8 mm) 1 RU
	<i>Width</i>	17.08 in. (434.00 mm)	17.08 in. (434.00 mm)	17.08 in. (434.00 mm)
	<i>Depth</i>	31.29 in. (794.67)	31.29 in. (794.67)	31.29 in. (794.67)
	<i>Weight</i>	36.0 lbs. (16.3 kg)	36.0 lbs. (16.3 kg)	36.0 lbs. (16.3 kg)

		EC-XL-NM [PN 200888]	EC-XL-B-NM [PN 201273]	EC-XL-P-NM [PN 201308]
Capacity	<i>WAN Capacity (All Features)</i>	2 – 10 Gbps	2 – 10 Gbps	2 – 10 Gbps
	<i>Local Data Store</i>	2 x 480 GB SSD 4 x 400 GB NVMe SSD	2 x 480 GB SSD 2 x 1.6 TB NVMe SSD	2 x 480 GB SSD 2 x 1.6 TB NVMe SSD
Connectivity	<i>LAN/WAN Ethernet</i>	4 x 1/10 Gbps fiber LAN/WAN	4 x 1/10 Gbps fiber LAN/WAN	4 x 1/10 Gbps fiber LAN/WAN
	<i>Management</i>	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port
Power	<i>Requirement</i>	100–240VAC 50–60Hz, 537 W / 1832 BTU	100-240VAC 50-60Hz, 480 W / 1638 BTU	100-240VAC 50-60Hz, 480 W / 1638 BTU
Dimensions & Weight	<i>Power Supplies</i>	1+1 redundant	1+1 redundant	1+1 redundant
	<i>Height</i>	1.69 in. (42.8 mm) 1 RU	1.68 in. (42.8 mm) 1 RU	1.68 in. (42.8 mm) 1 RU
	<i>Width</i>	17.34 in. (440.51 mm)	17.08 in. (434.00 mm)	17.08 in (434.00 mm)
	<i>Depth</i>	28.57 in. (725.80 mm)	31.29 (794.67 mm)	31.29 (794.67 mm)
	<i>Weight</i>	36.0 lbs. (16.3 kg)	36.5 lbs (16.5 kg)	36.5 lbs. (16.5 kg)

		NX-700 [PN 200849]	NX-1700 [PN 200404]	NX-1700 [PN 200576]
Capacity	<i>WAN Capacity (All Features)</i>	2 Mbps	4 Mbps	4 Mbps
	<i>Local Data Store</i>	1 x 120 GB SSD	1 x 500 GB HDD	1 x 500 GB HDD
Connectivity	<i>LAN/WAN Ethernet</i>	4 x 10/100/1000 LAN WAN	4 x 10/100/1000 LAN WAN	4 x 10/100/1000 LAN WAN
	<i>Management</i>	2 x 10/100/1000; RJ-45 serial port	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; RJ-45 serial port
Power	<i>Requirement</i>	100–240VAC 50–60Hz, 23 W / 78.5 BTU	100–240VAC 47–63Hz, 90 W / 307 BTU	100–240VAC 47–63Hz, 46 W / 157 BTU
Dimensions & Weight	<i>Power Supplies</i>	Single (Power Adapter)	Single	Single
	<i>Height</i>	1.73 in. (44 mm)	1.75 in. (44.45 mm) 1 RU	1.75 in. (44.4 mm) 1 RU
	<i>Width</i>	9.45 in. (240 mm)	17.5 in. (445 mm)	16.9 in. (430 mm)
	<i>Depth</i>	6.54 in. (166 mm)	8.2 in. (209 mm)	10.9 in. (277 mm)
	<i>Weight</i>	3.0 lbs (1.4 kg)	8.5 lbs (3.9 kg)	8.8 lbs (4.0 kg)

		NX-1700 [PN 200863]	NX-1700 DC [PN 200464]	NX-2700 [PN 200401]
Capacity	<i>WAN Capacity (All Features)</i>	4 Mbps	4 Mbps	10 Mbps
	<i>Local Data Store</i>	1 x 240 GB HDD	1 x 500 GB HDD	2 x 500 GB HDD
Connectivity	<i>LAN/WAN Ethernet</i>	4 x 10/100/1000 LAN WAN 2 x 10/100/1000; RJ-45 serial port	4 x 10/100/1000 LAN WAN	4 x 10/100/1000 LAN WAN
	<i>Management</i>	2 x 10/100/1000; RJ-45 serial port	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port
Power	<i>Requirement</i>	100–240VAC 50–60Hz, 23 W / 78.5 BTU	-31VDC to -72VDC, 86 W / 295 BTU	100–240VAC 47-63Hz, 285 W / 973 BTU
Dimensions & Weight	<i>Power Supplies</i>	Single (Power Adapter)	Single	1+1 redundant
	<i>Height</i>	1.73 in. (44 mm)	1.8 in. (45 mm) 1 RU	3.5 in. (89 mm) 2 RU
	<i>Width</i>	9.45 in. (240 mm)	17.5 in. (445 mm)	16.9 in. (430 mm)
	<i>Depth</i>	6.54 in. (166 mm)	8.2 in. (209 mm)	26 in. (660 mm)
	<i>Weight</i>	3.0 lbs (1.4 kg)	8.5 lbs (3.9 kg)	40.5 lbs (18.4 kg)

		NX-2700 [PN 200697]	NX-2700 [PN 201020]	NX-3700 [PN 200400]
Capacity	<i>WAN Capacity (All Features)</i>	10 Mbps	10 Mbps	20 Mbps
	<i>Local Data Store</i>	2 x 240 GB SSD	2 x 480 GB SSD	2 x 500 GB HDD
Connectivity	<i>LAN/WAN Ethernet</i>	4 x 10/100/1000 LAN WAN	4 x 10/100/1000 LAN WAN	4 x 10/100/1000 LAN WAN
	<i>Management</i>	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port
Power	<i>Requirement</i>	100–240VAC 50-60Hz, 94 W / 321 BTU	100–240VAC 50-60Hz, 80 W / 273 BTU	100–240VAC 47-63Hz, 305 W / 1041 BTU
Dimensions & Weight	<i>Power Supplies</i>	1+1 redundant	1+1 redundant	1+1 redundant
	<i>Height</i>	1.69 in. (43 mm) 1 RU	1.68 in. (42.8 mm) 1 RU	3.5 in. (89 mm) 2 RU
	<i>Width</i>	17.1 in. (434 mm)	17.1 in. (434 mm)	16.9 in. (430 mm)
	<i>Depth</i>	26.1 in. (663 mm)	24 in. (610 mm)	26 in. (660 mm)
	<i>Weight</i>	24.0 lbs (10.8 kg)	23.5 lbs (10.7 kg)	40.5 lbs (18.4 kg)

		NX-3700 [PN 200698]	NX-3700 [PN 201021]	NX-5700 [PN 200399]
Capacity	<i>WAN Capacity (All Features)</i>	20 Mbps	20 Mbps	50 Mbps
	<i>Local Data Store</i>	2 x 240 GB SSD	2 x 480 GB SSD	8 x 500 GB HDD
Connectivity	<i>LAN/WAN Ethernet</i>	4 x 10/100/1000 LAN WAN	4 x 10/100/1000 LAN WAN	4 x 10/100/1000 LAN WAN
	<i>Management</i>	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port
Power	<i>Requirement</i>	100–240VAC 50-60Hz, 94 W / 321 BTU	100–240VAC 50-60Hz, 80 W / 273 BTU	100–240VAC 47-63Hz, 345 W / 1178 BTU
Dimensions & Weight	<i>Power Supplies</i>	1+1 redundant	1+1 redundant	1+1 redundant
	<i>Height</i>	1.69 in. (43 mm) 1 RU	1.68 in. (42.8 mm) 1 RU	3.5 in. (89 mm) 2 RU
	<i>Width</i>	17.1 in. (434 mm)	17.1 in. (434 mm)	16.9 in. (430 mm)
	<i>Depth</i>	26.1 in. (663 mm)	24 in. (610 mm)	26 in. (660 mm)
	<i>Weight</i>	24.0 (10.8 kg)	23.5 lbs (10.7 kg)	43 lbs (19.6 kg)

		NX-5700 [PN 200699]	NX-5700 [PN 201022]	NX-6700 [PN 200828]
Capacity	<i>WAN Capacity (All Features)</i>	50 Mbps	50 Mbps	100 Mbps
	<i>Local Data Store</i>	8 x 240 GB SSD	4 x 480 GB SSD	8 x 240 GB SSD
Connectivity	<i>LAN/WAN Ethernet</i>	4 x 10/100/1000 LAN WAN	4 x 10/100/1000 LAN WAN	4 x 10/100/1000 LAN WAN
	<i>Management</i>	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port
Power	<i>Requirement</i>	100–240VAC 50-60Hz, 126 W / 430 BTU	100–240VAC 50-60Hz, 120 W / 409 BTU	100–240VAC 50-60Hz, 126 W / 430 BTU
Dimensions & Weight	<i>Power Supplies</i>	1+1 redundant	1+1 redundant	1+1 redundant
	<i>Height</i>	1.69 in. (43 mm) 1 RU	1.68 in. (42.8 mm) 1 RU	1.69 in. (43 mm) 1 RU
	<i>Width</i>	17.1 in. (434 mm)	17.1 in. (434 mm)	17.1 in. (434 mm)
	<i>Depth</i>	26.1 in. (663 mm)	24 in. (610 mm)	26.1 in. (663 mm)
	<i>Weight</i>	26.0 lbs (11.8 kg)	24.3 lbs (11.0 kg)	26.0 lbs (11.8 kg)

		NX-6700 [PN 201023]	NX-7700 [PN 200398]	NX-7700 [PN 200702]
Capacity	<i>WAN Capacity (All Features)</i>	100 Mbps	200 Mbps	200 Mbps
	<i>Local Data Store</i>	4 x 480 GB SSD	10 x 500 GB HDD	8 x 240 GB SSD
Connectivity	<i>LAN/WAN Ethernet</i>	4 x 10/100/1000 LAN WAN	4 x 10/100/1000 LAN WAN	4 x 10/100/1000 LAN WAN
	<i>Management</i>	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port
Power	<i>Requirement</i>	100–240VAC 50-60Hz, 120 W / 409 BTU	100–240VAC 47-63Hz, 475 W / 1621 BTU	100–240VAC 50-60Hz, 126 W / 430 BTU
Dimensions & Weight	<i>Power Supplies</i>	1+1 redundant	1+1 redundant	1+1 redundant
	<i>Height</i>	1.68 in. (42.8 mm) 1 RU	3.5 in. (89 mm) 2 RU	1.69 in. (43 mm) 1 RU
	<i>Width</i>	17.1 in. (434 mm)	16.9 in. (430 mm)	17.1 in. (434 mm)
	<i>Depth</i>	24 in. (610 mm)	26 in. (660 mm)	26.1 in. (663 mm)
	<i>Weight</i>	24.3 lbs (11.0 kg)	44 lbs (20 kg)	26.0 lbs (11.8 kg)

		NX-7700 [PN 201024]	NX-8700 [PN 200397]	NX-8700 [PN 200767]
Capacity	<i>WAN Capacity (All Features)</i>	200 Mbps	622 Mbps	622 Mbps
	<i>Local Data Store</i>	4 x 480 GB SSD	10 x 500 GB HDD 4 x 100 GB SSD	14 x 240 GB SSD
Connectivity	<i>LAN/WAN Ethernet</i>	4 x 10/100/1000 LAN WAN	4 x 10/100/1000 LAN WAN; 2 x 10 Gbps fiber LAN WAN	4 x 10/100/1000 LAN WAN; 2 x 10 Gbps fiber LAN WAN
	<i>Management</i>	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port
Power	<i>Requirement</i>	100–240VAC 50-60Hz, 120 W / 409 BTU	100–240VAC 47-63Hz, 520 W / 1775 BTU	100–240VAC 50-60Hz, 491 W / 1675 BTU
Dimensions & Weight	<i>Power Supplies</i>	1+1 redundant	1+1 redundant	1+1 redundant
	<i>Height</i>	1.68 in. (42.8 mm) 1 RU	3.5 in. (89 mm) 2 RU	3.4 in. (87 mm) 2 RU
	<i>Width</i>	17.1 in. (434 mm)	16.9 in. (430 mm)	17.5 in. (444 mm)
	<i>Depth</i>	24 in. (610 mm)	26 in. (660 mm)	29.2 in. (741 mm)
	<i>Weight</i>	24.3 lbs (11.0 kg)	46.5 lbs (21.2 kg)	47.5 lbs (21.4 kg)

		NX-8700 [PN 200879]	NX-8700 [PN 201266]	NX-9700 [PN 200396]
Capacity	<i>WAN Capacity (All Features)</i>	622 Mbps	622 Mbps	1 Gbps
	<i>Local Data Store</i>	8 x 480 GB SSD	8 x 480 GB SSD 2 x 1.6 TB NVMe SSD	10 x 500 GB HDD 4 x 100 GB SSD
Connectivity	<i>LAN/WAN Ethernet</i>	4 x 10/100/1000 LAN WAN; 2 x 1/10 Gbps fiber LAN WAN	4 x 10/100/1000 LAN/WAN 2 x 1/10 Gb fiber LAN/WAN	4 x 1 Gbps LAN WAN; 2 x 10 Gbps fiber LAN WAN
	<i>Management</i>	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port
Power	<i>Requirement</i>	100–240VAC 50–60Hz, 440 W / 1501 BTU	100–240VAC 50–60Hz, 370 W / 1262 BTU	100–240VAC 47–63Hz, 600 W / 2048 BTU
Dimensions & Weight	<i>Power Supplies</i>	1+1 redundant	1+1 redundant	1+1 redundant
	<i>Height</i>	1.69 in. (42.8 mm) 1 RU	1.69 in. (42.8 mm) 1 RU	3.5 in. (89 mm) 2 RU
	<i>Width</i>	17.34 in. (440.51 mm)	17.08 in. (440.51 mm)	16.9 in. (430 mm)
	<i>Depth</i>	28.57 in. (725.80 mm)	31.29 in. (725.80 mm)	26 in. (660 mm)
	<i>Weight</i>	36.0 lbs (16.3 kg)	37.0 lbs (16.8 kg)	47 lbs (21.2 kg)

		NX-9700 [PN 200768]	NX-9700 [PN 200880]	NX-9700 [PN 201267]
Capacity	<i>WAN Capacity (All Features)</i>	1 Gbps	1 Gbps	1 Gbps
	<i>Local Data Store</i>	14 x 240 GB SSD	8 x 480 GB SSD	2 x 480 GB SSD 2 x 1.6 TB NVMe SSD
Connectivity	<i>LAN/WAN Ethernet</i>	4 x 1 Gbps LAN WAN; 2 x 10 Gbps fiber LAN WAN	4 x 10/100/1000 LAN WAN; 2 x 1/10 Gbps fiber LAN WAN	4 x 10/100/1000 LAN WAN; 2 x 1/10 Gbps fiber LAN WAN
	<i>Management</i>	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port
Power	<i>Requirement</i>	100–240VAC 50–60Hz, 493 W / 1682 BTU	100–240VAC 50–60Hz, 440 W / 1501 BTU	100–240VAC 50–60Hz, 370 W / 1262 BTU
Dimensions & Weight	<i>Power Supplies</i>	1+1 redundant	1+1 redundant	1+1 redundant
	<i>Height</i>	3.4 in. (87 mm) 2 RU	1.69 in. (42.8 mm) 1 RU	1.69 in. (42.8 mm) 1 RU
	<i>Width</i>	17.5 in. (444 mm)	17.34 in. (440.51 mm)	17.08 in. (434.00 mm)
	<i>Depth</i>	29.2 in. (741 mm)	28.57 in. (725.80 mm)	31.29 (794.67 mm)
	<i>Weight</i>	47.5 lbs (21.4 kg)	36.0 lbs (16.3 kg)	37.0 lbs (16.8 kg)

		NX-10700 [PN 200519]	NX-10700 [PN 200769]	NX-10700 [PN 200881]
Capacity	<i>WAN Capacity (All Features)</i>	2.5 Gbps	2.5 Gbps	2.5 Gbps
	<i>Local Data Store</i>	2 x 500 GB HDD 16 x 100 GB SSD	18 x 100 GB SSD	2 x 480 GB SSD 4 x 400 GB NVMe SSD
Connectivity	<i>LAN/WAN Ethernet</i>	4 x 10 Gbps fiber LAN WAN	4 x 10 Gbps fiber LAN WAN	4 x 1/10 Gbps fiber LAN WAN
	<i>Management</i>	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port
Power	<i>Requirement</i>	100–240VAC 47-63Hz, 600 W / 2048 BTU	100–240VAC 50-60Hz, 590 W / 2013 BTU	100–240VAC 50-60Hz, 537 W / 1832 BTU
Dimensions & Weight	<i>Power Supplies</i>	1+1 redundant	1+1 redundant	1+1 redundant
	<i>Height</i>	3.5 in. (89 mm) 2 RU	3.4 in. (87 mm) 2 RU	1.69 in. (42.8 mm) 1 RU
	<i>Width</i>	16.9 in. (430 mm)	17.5 in. (444 mm)	17.34 in. (440.51 mm)
	<i>Depth</i>	26 in. (660 mm)	29.2 in. (741 mm)	28.57 in. (725.80 mm)
	<i>Weight</i>	46.5 lbs (21.1 kg)	48.5 lbs (22.0 kg)	36.0 lbs (16.3 kg)

		NX-10700 [PN 201268]	NX-11700 [PN 200711]	NX-11700 [PN 200882]
Capacity	<i>WAN Capacity (All Features)</i>	2.5 Gbps	5 Gbps	5 Gbps
	<i>Local Data Store</i>	2 x 480 GB SSD 2 x 1.6 TB NVMe SSD	18 x 100 GB SSD	2 x 480 GB SSD 4 x 400 GB NVMe SSD
Connectivity	<i>LAN/WAN Ethernet</i>	4 x 1/10 Gbps fiber LAN/WAN	4 x 10 Gbps fiber LAN WAN	4 x 1/10 Gbps fiber LAN WAN
	<i>Management</i>	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port	2 x 10/100/1000; DB-9 serial port
Power	<i>Requirement</i>	100-240VAC 50-60Hz, 480 W / 1638 BTU	100–240VAC 50-60Hz, 590 W / 2013 BTU	100–240VAC 50-60Hz, 537 W / 1832 BTU
Dimensions & Weight	<i>Power Supplies</i>	1+1 redundant	1+1 redundant	1+1 redundant
	<i>Height</i>	1.68 in. (42.8 mm)	3.4 in. (87 mm) 2 RU	1.69 in. (42.8 mm) 1 RU
	<i>Width</i>	17.08 in. (434 mm)	17.5 in. (444 mm)	17.34 in. (440.51 mm)
	<i>Depth</i>	31.29 (794.67 mm)	29.2 in. (741 mm)	28.57 in. (725.80 mm)
	<i>Weight</i>	36.5 lbs (16.5 kg)	48.5 lbs (22.0 kg)	36.0 lbs (16.3 kg)

		NX-11700 [PN 201269]
Capacity	<i>WAN Capacity (All Features)</i>	5 Gbps
	<i>Local Data Store</i>	2 x 480 GB SSD 2 x 1.6 TB NVMe SSD
Connectivity	<i>LAN/WAN Ethernet</i>	4 x 1/10 Gbps fiber LAN/WAN
	<i>Management</i>	2 x 10/100/1000; DB-9 serial port
Power	<i>Requirement</i>	100-240VAC 50-60Hz, 480 W / 1638 BTU
Dimensions & Weight	<i>Power Supplies</i>	1+1 redundant
	<i>Height</i>	1.68 in. (42.8 mm)
	<i>Width</i>	17.08 in. (434 mm)
	<i>Depth</i>	31.29 (794.67 mm)
	<i>Weight</i>	36.5 lbs (16.5 kg)

Fiber Specifications

Model	Part Number	Fiber Interfaces – 1/10 Gbps	
NX-8700	PN 200397 PN 200767	<ul style="list-style-type: none"> ■ 2 interfaces: tlan0 / twan0 	<ul style="list-style-type: none"> ■ LC connectors ■ SR (Short Reach) [default] <ul style="list-style-type: none"> ● 10 Gbps 850 nm Multimode Datacom SFP+ Transceiver ● Multimode 50μ fiber
NX-9700	PN 200396 PN 200768	<ul style="list-style-type: none"> ■ 4 interfaces ■ LC connectors ■ Multimode 50μ fiber / 62.5μ fiber ■ Fail-to-Glass– yes 	<ul style="list-style-type: none"> ■ LR (Long Reach) <ul style="list-style-type: none"> ● 10 Gbps 1310 nm Single Mode Datacom SFP+ Transceiver ● Single-mode 8.3μ fiber ■ Fail-to-Glass-- no

Model	Part Number	Fiber Interfaces – 10Gbps tlan0 / twan0 / tlan1 / twan1
NX-10700	PN 200519 PN 200769	<ul style="list-style-type: none"> ■ 4 interfaces ■ LC connectors ■ SR (Short Reach) [default] <ul style="list-style-type: none"> ● 10 Gbps 850 nm Multimode Datacom SFP+ Transceiver ● Multimode 50μ fiber ■ LR (Long Reach) <ul style="list-style-type: none"> ● 10 Gbps 1310 nm Single Mode Datacom SFP+ Transceiver ● Single-mode 8.3μ fiber ■ Fail-to-Glass-- no
NX-11700	PN 200711	<ul style="list-style-type: none"> ■ LR (Long Reach) <ul style="list-style-type: none"> ● 10 Gbps 1310 nm Single Mode Datacom SFP+ Transceiver ● Single-mode 8.3μ fiber ■ Fail-to-Glass-- no

Hardware Model	Part Number	Fiber Interfaces – 1/10 Gbps			
NX-8700	PN 200879 PN 201266	<ul style="list-style-type: none"> ■ 2 interfaces: tlan0 / twan0 	<ul style="list-style-type: none"> ■ LC connectors ■ SR (Short Reach) [default] <ul style="list-style-type: none"> ● 10 Gbps 850 nm Multimode Datacom SFP+ Transceiver ● Multimode 50μ fiber ■ LR (Long Reach) <ul style="list-style-type: none"> ● Not supported ■ Fail-to-Glass– yes 		
NX-9700	PN 200880 PN 201267				
EC-M	PN 200890				
EC-M-B	PN 200969				
EC-L	PN 200883				
EC-L-B	PN 201270				
EC-L-NM	PN 200887				
EC-L-B-NM	PN 201272				
NX-10700	PN 200881 PN 201268	<ul style="list-style-type: none"> ■ 4 interfaces: tlan0 / twan0 / tlan1 / twan1 			
NX-11700	PN 200882 PN 201269				
EC-XL	PN 200884				
EC-XL-B	PN 201271				
EC-XL-NM	PN 200888				
EC-XL-B-NM	PN 201273				
EC-M-P	PN 201274			<ul style="list-style-type: none"> ■ 2 interfaces ■ tlan0 / twan0 	<ul style="list-style-type: none"> ■ LC Connectors ■ SR (Short Reach) <ul style="list-style-type: none"> ● 1/10 Gbps 850 nm Multimode Datacom SFP+ Transceiver ● Multimode 50μ fiber ■ LR (Long Reach) <ul style="list-style-type: none"> ● 1/10 Gbps 1310 nm Single Mode Datacom SFP+ Transceiver ● Single-mode 8.3μ fiber ● Fail-to-Glass– no
EC-M-P-FIPS	PN 201448				
EC-L-P	PN 201305				
EC-L-P-NM	PN 201307				
EC-XL-P	PN 201306	<ul style="list-style-type: none"> ■ 4 interfaces: tlan0 / twan0 ■ tlan1 / twan1 			
EC-XL-P-FIPS	PN 201449				
EC-XL-P-NM	PN 201308				

Model	Part Number	Fiber Interfaces – 1/10Gbps tlan0 / twan0
EC-S	<i>PN 200877</i> <i>Applicable when optional fiber module is installed.</i>	<ul style="list-style-type: none">■ 2 interfaces■ LC connectors■ SR (Short Reach)<ul style="list-style-type: none">● 1/10 Gbps 850 nm Multimode Datacom SFP+ Transceiver● Multimode 50μ fiber ■ LR (Long Reach)<ul style="list-style-type: none">● 1/10 Gbps 1310 nm Single Mode Datacom SFP+ Transceiver● Single-mode 8.3μ fiber ■ Fail-to-Glass– no

EdgeConnect (EC) Series and NX-Series Specifications

Environmental		<i>Temperature (Operating)</i>	10°C to 35°C (50°F to 95°F)
		<i>Temperature (Storage)</i>	-40°C to 65°C (-40°F to 149°F)
		<i>Altitude (Operating)</i>	Up to 10,000 ft. (3,048 m)
		<i>Altitude (Storage)</i>	Up to 40,000 ft. (12,192 m)
	<i>NX-700 / NX-1700 / EC-XS / EC-S</i>	<i>Humidity (Operating)</i>	8% to 90% relative humidity, non-condensing
		<i>Humidity (Storage)</i>	8% to 95% relative humidity, non-condensing
	<i>All other models</i>	<i>Humidity (Operating)</i>	10% to 80% relative humidity, non-condensing
		<i>Humidity (Storage)</i>	8% to 95% relative humidity, non-condensing
Regulatory	<i>NX-700 NX-1700 [PN 200863] EC-XS</i>	<i>EMC</i>	FCC Part 15 Class B EN 55022 Class B
	<i>All other models</i>	<i>EMC</i>	FCC Part 15 Class A EN 55022 Class A EN 61000-3-2/3-3 EN 55024
		<i>Safety</i>	UL/cUL 60950 EN 60950

IEEE 802.x Standards

Following are the IEEE 802.x standards for NX and EdgeConnect appliances.

For NX Appliances

Ethernet Standard	Description	NX-700	NX-1700	NX-2700	NX-3700	NX-5700	NX-6700	NX-7700	NX-8700	NX-9700	NX-10700	NX-11700
802.3i	10BASE-T 10 Mbit/s (1.25 MB/s) over twisted pair	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N
802.3u	100BASE-TX Fast Ethernet at 100 Mbit/s (12.5 MB/s) w/autonegotiation	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N
802.3ab	1000BASE-T Gbit/s Ethernet over twisted pair at 1 Gbit/s (125 MB/s)	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N
802.3z	1000BASE-X Gbit/s Ethernet over Fiber-Optic at 1 Gbit/s (125 MB/s)	N	N	N	N	N	N	N	Y	Y	Y	Y
802.3ae	10 Gigabit Ethernet over fiber; 10GBASE-SR	N	N	N	N	N	N	N	Y	Y	Y	Y
802.3ae	10 Gigabit Ethernet over fiber; 10GBASE-LR	N	N	N	N	N	N	N	N	N	N	N
802.1Q	Networking standard that supports virtual LANs (VLANs) on an Ethernet network	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y

For EdgeConnect Appliances

Ethernet Standard	Description	EC-US	EC-XS	EC-S	EC-M	EC-L	EC-XL
802.3i	10BASE-T 10 Mbit/s (1.25 MB/s) over twisted pair	Y	Y	Y	Y	Y	N
802.3u	100BASE-TX Fast Ethernet at 100 Mbit/s (12.5 MB/s) w/autonegotiation	Y	Y	Y	Y	Y	N
802.3ab	1000BASE-T Gbit/s Ethernet over twisted pair at 1 Gbit/s (125 MB/s)	Y	Y	Y	Y	Y	N
802.3z	1000BASE-X Gbit/s Ethernet over Fiber-Optic at 1 Gbit/s (125 MB/s)	N	N	Y	Y	Y	Y
802.3ae	10 Gigabit Ethernet over fiber; 10GBASE-SR	N	N	Y	Y	Y	Y
802.3ae	10 Gigabit Ethernet over fiber; 10GBASE-LR	N	N	Y	Y*	Y*	Y*
802.1Q	Networking standard that supports virtual LANs (VLANs) on an Ethernet network	Y	Y	Y	Y	Y	Y

*Supported on the -P model only.

Warning Statements

Class 1 Laser Products

- NX-8700
- NX-9700
- NX-10700
- NX-11700
- EC-S (only with optional fiber module)
- EC-M
- EC-M-B
- EC-M-P
- EC-M-P-FIPS
- EC-L
- EC-L-B
- EC-L-P
- EC-L-NM
- EC-L-B-NM
- EC-L-P-NM
- EC-XL
- EC-XL-B
- EC-XL-P
- EC-XL-P-FIPS
- EC-XL-NM
- EC-XL-B-NM
- EC-XL-P-NM

Maintenance Port Precautions

The serial console is only used for periodic maintenance and not to be used under normal operation.

General Safety



CAUTION Please note the following:

1. The server will not be used in a home, school, or other public area where the general population would have access to it.
2. The manufacturer specifies that the thumbscrew normally should be tightened with a screwdriver. Use of a thumbscrew is not considered to compromise the basic principles of safety associated with the standard.



WARNING To prevent potential for personal injury, property damage or death, please observe the following instructions:

- Do not use damaged equipment, including exposed, frayed or damaged power cords. Use only the approved power cable that is rated for the equipment. The voltage and current rating of the cable should be greater than the ratings marked on the equipment.
- Plug the power cables into properly grounded electrical outlets
- **Do not use adapter plugs or remove the grounding prong from a cable.**
If you must use an extension cable, use a 3-wire cable with properly grounded plugs.
- Observe extension cable and power strip ratings to ensure that the total ampere rating of all equipment plugged into the extension cable or power strip does not exceed 80 percent of the ampere ratings limit for the extension cable or power strip.
- When connecting or disconnecting power to hot-swappable power supplies, observe the following precautions:
 - Install the power supply **before** connecting the power cable to it.
 - Unplug the power cable before removing a power supply.
 - To disconnect power from the server, disconnect **all** power cables from **all** power supplies. (If you only disconnect one hot-swappable power supply, the system will automatically switch to a redundant one.)
- The power supplies in the server may produce high voltages and potential energy hazards. By opening the cover of the server you may be exposed to a risk of electric shock. The components inside the server housing should only be serviced by a trained service technician.
- Inside the housing, the power supply may have more than one power supply cable. To reduce the risk of electric shock, a trained service technician may need to disconnect all power supply cables before servicing the system.
- The server should not be operated with the cover removed.
- Components inside the server housing may become extremely hot during normal operations. These components include the memory and CPU modules. Allow sufficient time for components to cool before handling.

- The server should not be operated in environments that can get wet. Protect the server at all times from liquid intrusion.
- If your server gets wet, **turn off the AC power at the circuit breaker** before attempting to remove the power cables from the electrical outlet. Then disconnect power to the equipment and to any attached devices.
- Avoid obstructing the air vents on the server or pushing objects into the openings. This could lead to fire or electric shock.



CAUTION To prevent hardware damage or loss of data, observe the following precautions:

- Follow installation instructions carefully.
- Do not attempt to service the equipment yourself. The server should be serviced by a trained service technician.
- You should operate this equipment from the type of external power source indicated on the electrical ratings label.
- Wait 30 seconds after turning off the equipment before removing a component from the system or disconnecting a peripheral device from the server.
- Always leave at least 4 inches (10.2cm) of physical clearance on all vented sides of the server. This permits the airflow required for proper ventilation.
- Avoid placing equipment too close together such that it is subject to re-circulated (pre-heated) air. Avoid placing equipment too close to an server or exhaust vent.
- Ensure that cables are connected to the server without stress and that nothing rests on the cables.
- If the equipment is located in a rack, move it with caution. Ensure that all casters and/or stabilizers are firmly connected. While moving the equipment, avoid uneven surfaces and sudden stops.
- Do not place other equipment, monitors, or other devices on top of the server.
- To protect the server from fluctuations in electrical power, use a surge suppressor, line conditioner or uninterruptible power supply (UPS).



WARNING Installing an incompatible battery on the server board may increase the risk of fire or explosion. Observe the following precautions:

- The battery should only be replaced with a battery that is the same or equivalent as the factory installed battery.
- Do not attempt to open or service the battery. Do not dispose of the battery in a fire or with household waste. Contact the local waste disposal agency for the location of the nearest battery deposit site.



CAUTION Please observe the following additional precautions for rack-mounted systems:

- Slide/rail mounted equipment is not to be used as a shelf or a work space.
- Elevated Operating Ambient - If the server is installed in a closed or multi-unit rack assembly, the operating ambient temperature in the rack environment may be greater than the room ambient temperature. Therefore, consideration should be given to the maximum operating temperature specified in the environmental specifications.
- Reduced Air Flow - Installation of the server in a rack should be such that the amount of air flow required for safe operation is not compromised.
- Mechanical Loading - Mounting of the server in the rack should not create a hazardous condition from uneven mechanical loading.
- Circuit Overloading - Connection of the equipment to the supply circuit should not create an overloaded situation. Pay close attention to equipment nameplate ratings.
- Reliable Grounding - Appliances mounted in racks should be grounded properly. If using power strips to connect the server to the supply circuit, make certain that the power strips are also grounded properly.
- It is your responsibility to ensure that the rack and the provided rail system are compatible with each other before installing the server.
- Install the front and side stabilizers prior to installing equipment in a rack. Failure to install stabilizers may cause a rack to tip over.
- Load racks from the bottom up, loading the heaviest items near the bottom of the rack.
- Do not stand or step on components in the rack.
- Do not use slide-rail-mounted equipment as a shelf or workspace. Do not add weight to the top of the server.



WARNING Grounding Instructions for Qualified Electricians Only.

- Grounding techniques may vary. However, a positive connection to a safety (earth) ground is required.
- Make the ground connection first and disconnect it last to prevent hazards.
- Never defeat the ground conductor or operate the equipment in the absence of a suitably installed ground conductor.
- If the system is installed in a rack, ensure that the system chassis is securely grounded to the rack cabinet frame. Do not connect power to the system until grounding cables are connected.

Compliance Statements

This section includes required compliance statements.

FCC Compliance Statements

Class A

This equipment has been tested and found to comply with the limits for a **Class A** digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Class B

This equipment has been tested and found to comply with the limits for a **Class B** digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

ICES-003 Statements

- The Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

- The Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Requirements for Rack-Mount Equipment

Observe the following requirements for all rack-mount equipment:

1. **Elevated Operating Ambient Temperature** - If installed in a closed or multi-unit rack assembly, the operating ambient temperature of the rack environment may be greater than room ambient. Therefore, consideration should be given to installing the equipment in an environment compatible with the maximum ambient temperature (T_{ma}) specified by the manufacturer.
2. **Reduced Air Flow** - Installation of the equipment in a rack should be such that the amount of air flow required for safe operation of the equipment is not compromised.
3. **Mechanical Loading** - Mounting of the equipment in the rack should be such that a hazardous condition is not achieved due to uneven mechanical loading.
4. **Circuit Overloading** - Consideration should be given to the connection of the equipment to the supply circuit and the effect that overloading of the circuits might have on overcurrent protection and supply wiring.

Appropriate consideration of equipment nameplate ratings should be used when addressing this concern.
5. **Reliable Earthing** - Reliable earthing of rack-mounted equipment should be maintained. Particular attention should be given to supply connections other than direct connections to the branch circuit (for example, use of power strips).

Requirements for Knurled Thumb Screws

When rack mounting an appliance, thumbscrews should be tightened with a tool after both initial installation and subsequent access to the panel.

Pluggable Transceivers in EdgeConnect

Silver Peak offers dual-rate 1/10G optical SFP+ transceivers for operation within certain EdgeConnect appliances. These transceivers go through an internal qualification process and are customized for operations with Silver Peak software. Silver Peak recommends these transceivers for use with EdgeConnect appliances that support pluggable transceivers.

Silver Peak Approved Transceivers		
Vendor	Model	Part Number
Finisar	SFP+ SRD (Dual Rate: 10GBase-SR, 1000Base-SX)	FTLX8574D3BCVSPK
Finisar	SFP+ LRD (Dual Rate: 10GBase-SR, 1000Base-LX)	FTLX1471D3BCVSPK

However, in situations where usage of non-Silver Peak transceivers is required, EdgeConnect will not inhibit the 3rd party transceivers from operating but may not provide full visibility or monitoring capabilities for these transceivers. Such transceivers will be reported as “not supported” and alarms may not be reported properly.

The following is a list of 3rd party transceivers that are validated and qualified to operate within EdgeConnect, but which are not fully supported:

Silicom Approved Transceivers		
Vendor	Model	Part Number
Avago	SFP+ LRD (Dual Rate: 10GBase-SR, 1000Base-LX)	AFBR-709DMZ
Finisar	SFP+ SRD (Dual Rate: 10GBase-SR, 1000Base-SX)	FTLX8571D3BCV FTLX8574D3BCV
Finisar	SFP+ LRD (Dual Rate: 10GBase-SR, 1000Base-LX)	FTLX1471D3BCV
Finisar	SFP+ 10GBase-SR*	FTLX8571D3BCV
Finisar	SFP+ 10GBase-LR*	FTLX1471D3BCV
Finisar	SFP 1000Base-SX	FTLF8519P2BCL
Finisar	SFP 1000Base-LX	FTRJ1319P1BTL
Finisar	SFP 10/100/1000Base-T (Copper)	FCLF8522P2BTL

Intel Approved Transceivers		
Vendor	Model	Part Number
SR modules		
Intel	DUAL RATE 1G/10G SFP+ SR (bailed)	FTLX8571D3BCV-IT
Intel	DUAL RATE 1G/10G SFP+ SR (bailed)	AFBR-703SDZ-IN2
Intel	DUAL RATE 1G/10G SFP+ SR (bailed)	AFBR-703SDDZ-IN1
LR Modules		
Intel	DUAL RATE 1G/10G SFP+ LR (bailed)	FTLX1471D3BCV-IT

Intel	DUAL RATE 1G/10G SFP+ LR (bailed)	AFCT-701SDZ-IN2
Intel	DUAL RATE 1G/10G SFP+ LR (bailed)	AFCT-701SDDZ-INZ

Third Party Supported Transceivers

Vendor	Model	Part Number
Avago	SFP+ SR Bailed, 10g single rate	AFBR700SDZ
Avago	DUAL RATE 1G/10G SFP+ SR (No Bail)	AFBR-703SDZ-IN1
Avago	DUAL RATE 1G/10G SFP+ LR (No Bail)	AFCT-701SDZ-IN1
Avago	1000BASE-T	ABCU-5710RZ
Finisar	DUAL RATE 1G/10G SFP+ SR (No Bail)	FTLX8571D3QCV-IT
Finisar	DUAL RATE 1G/10G SFP+ LR (No Bail)	FTLX1471D3QCV-IT
HP	1000BASE-SX SFP	453153-001

Power Cords and Cable Pinouts

This section will include power cords by country.

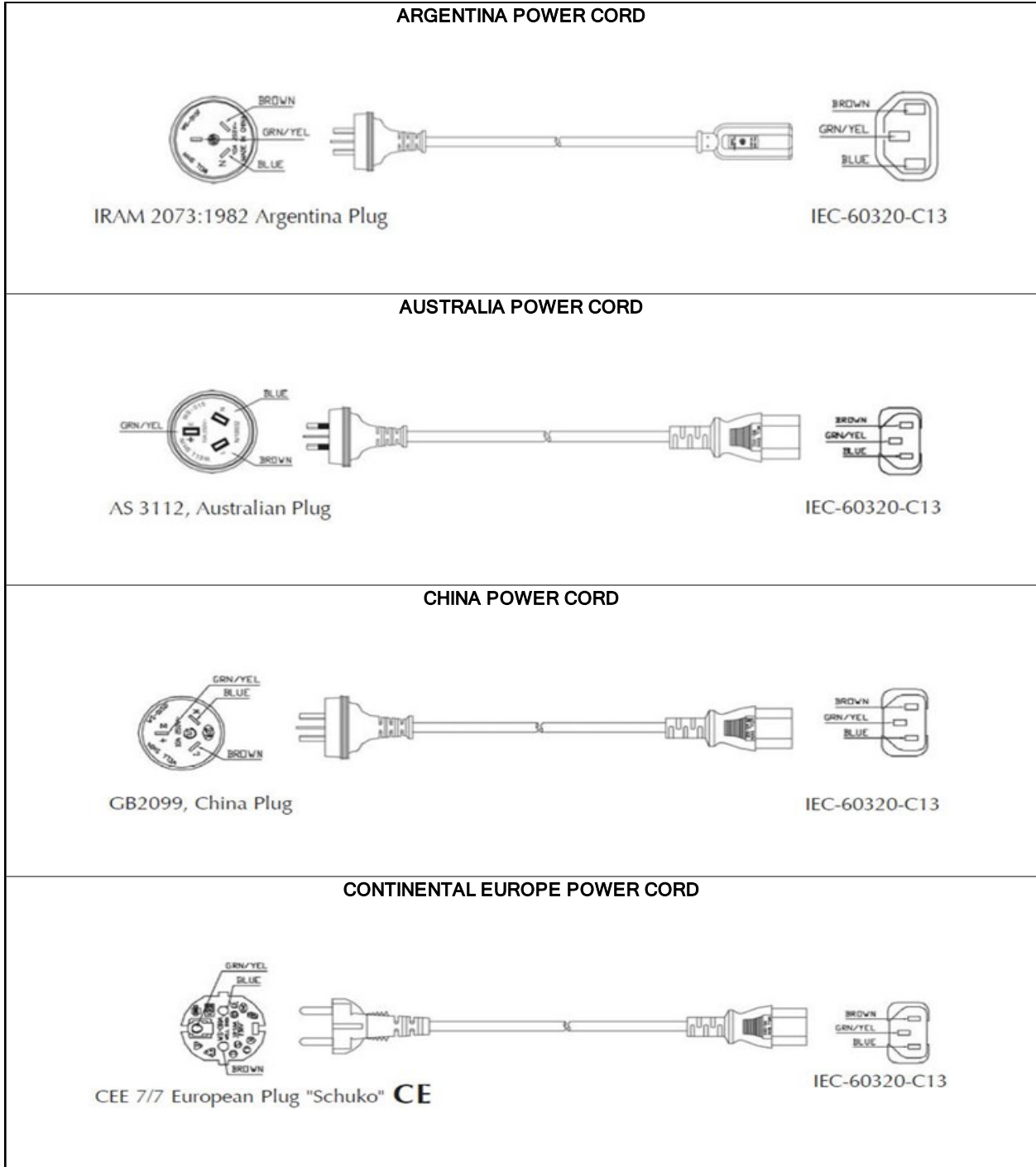
Power Cords and Cable Pinouts

Power Cords by Country

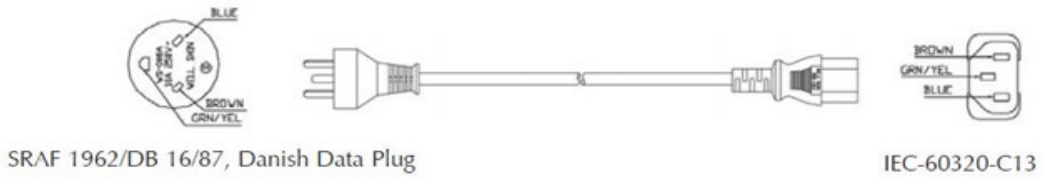
This section includes country-specific power cord plug and receptacle specifications for the Silver Peak appliances.

COUNTRY	APPROVALS	POWER CORD P/N	Rating	PLUG	RECEPTACLE
Argentina	IRAM	9000.098	10A / 250V	IRM 2073: 1982 Argentina Plug	IEC-60320-C13
Australia	SAA	8530.098	10A / 250V	AS 3112, Australia Plug	IEC-60320-C13
Brazil	INMETRO	2550.072	10A / 240V	NBR 14136, Brazil Plug	IEC-60320-C13
China	CCC	8590.098	10A / 250V	GB2099, China Plug	IEC-60320-C13
Continental Europe	VDE, KEMA, CEVEC, NEMKO, DEMKO, SETI, OVE, SEV	8500.098	10A / 250V	CEE 7/7 Europe Plug "Schuko" CE	IEC-60320-C13
Denmark	DEMKO	8540.098	10A / 250V	SRAF 1962/DB 16/87, Danish Plug	IEC-60320-C13
Israel	SII	8560.098	10A / 250V	SI32, Israeli Plug	IEC-60320-C13
Italy	IMQ	8550.098	10A / 250V	CEU -23-16m, Italian Plug	IEC-60320-C13
India	BIS	9840.098	10A / 250V	IS 1293, India Plug	IEC-60320-C13
Japan	PSE	2000.098	10A / 125V	JIS 8303, Japanese Plug	IEC-60320-C13
Korea	KETI	8704.098	10A / 250V	KSC 8305, Korean Plug	IEC-60320-C13
North America	UL, CSA	2500.072	10A / 125V	NEMA 5-15P	IEC-60320-C13
South Africa	SABS	8580.098	10A / 250V	BS 546, Indian Plug	IEC-60320-C13
Switzerland	SEV	8520.098	10A / 250V	SEV 1011, Swiss Plug	IEC-60320-C13
United Kingdom / Ireland	BSI	9650.098	10A / 250V	BS 1363, U.K. Plug	IEC-60320-C13

Power Cord Diagrams by Country



DENMARK POWER CORD



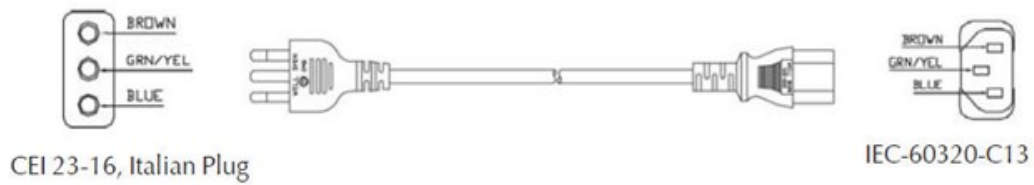
SOUTH AFRICA POWER CORD



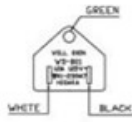
ISRAEL POWER CORD



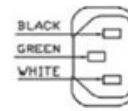
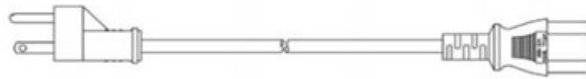
ITALY POWER CORD



JAPAN POWER CORD

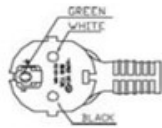


JIS 8303, Japanese Plug

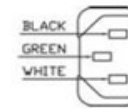


IEC-60320-C13

KOREA POWER CORD

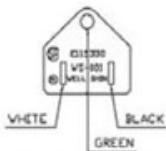


KSC8305 Korean Plug

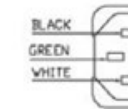


IEC-60320-C13

NORTH AMERICA POWER CORD

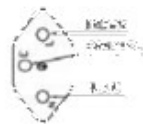


NEMA 5-15P

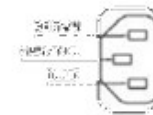


IEC-60320-C13

SWITZERLAND POWER CORD

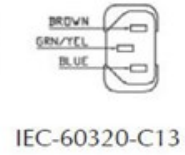


SEV 1011, Swiss Plug

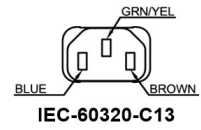
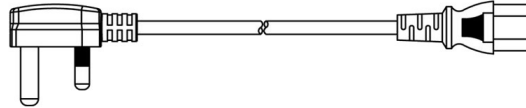
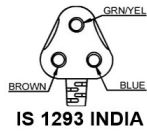


IEC-60320-C13

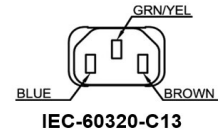
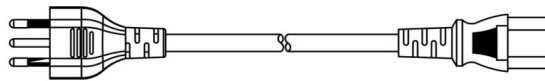
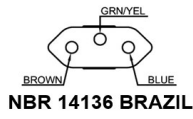
UNITED KINGDOM & IRELAND POWER CORD



INDIA POWER CORD



BRAZIL POWER CORD

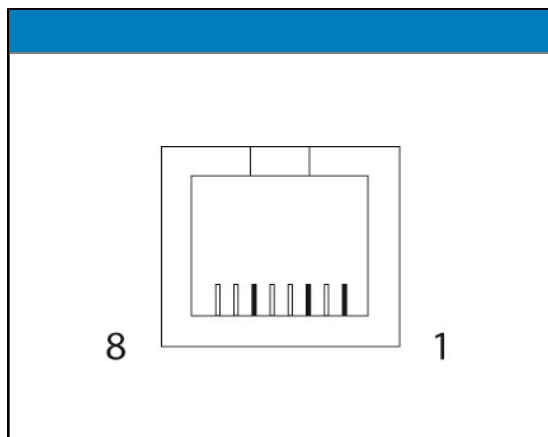


RJ-45 Console Port Pinouts

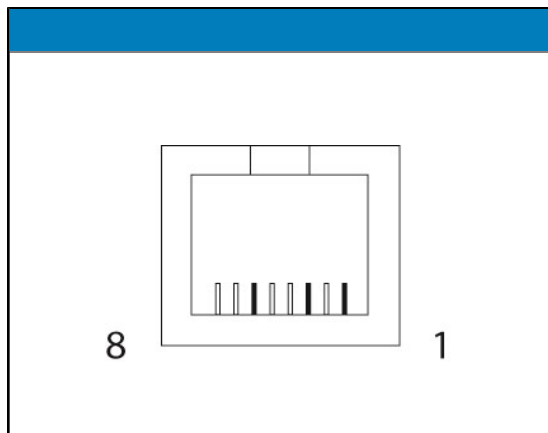
The RJ-45 console port pinouts vary by appliance model.

The following appliances are associated with this RJ-45 pinout diagram:

Model	Part Number
NX-700	200849
NX-1700	200863
EC-XS	200889
EC-S	200877

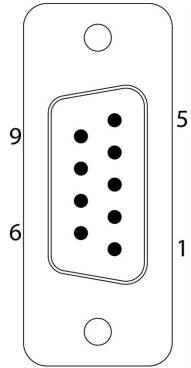
	Pin	Signal	Description
	1	RTS	Request to Send
	2	DTR	Data Terminal Ready
	3	SOUT / TxD	Transmitted Data
	4	GND	Ground
	5	GND	Ground
	6	SIN / RxD	Received Data
	7	DSR	Data Set Ready
	8	CTS	Clear To Send

The **EC-US** (Part Number 201106) follows the following pinout diagram.

	Pin	Signal	Description
	1	RTS	Request to Send
	2	NC	No Connection
	3	SOUT / TxD	Transmitted Data
	4	GND	Ground
	5	GND	Ground
	6	SIN / RxD	Received Data
	7	NC	No Connection
	8	CTS	Clear To Send

DB-9 Console Port Pinout

The console port uses a null modem cable.



DB-9F

- 2 (RxD)
- 3 (TxD)

- 5 (GND)
- 6 (DSR)

- 4 (DTR)
- 8 (CTS)
- 7 (RTS)

Configuring DB-9 Console Access to the Appliance

For console port access, the appropriate settings are as follows:

Bits per second	9600
Data bits	8
Parity	none
Stop bits	1
Flow control	none

Appliance Views

This chapter includes each appliance model and provides information about its physical characteristics and layout.

Supported Inventory

Model	Part Number	HDD/SSD Drives			Power Supplies		
		Qty	Allow user to replace	Hot swappable	Qty	Allow user to replace	Hot swappable
EC-US	201106	1	no	--	0 ¹	N/A	N/A
EC-XS	200889	1	no	--	0 ²	N/A	N/A
EC-XS-FIPS	201447	1	no	--	1	N/A	N/A
EC-S	200877	2	no	--	1	N/A	N/A
EC-M	200890	2	yes	yes	2	yes	yes
EC-M-B	200969	2	yes	yes	2	yes	yes
EC-M-P	201274	2	yes	yes	2	yes	yes
EC-M-P-FIPS	201448	2	yes	yes	2	yes	yes
EC-L	200883	2	yes	yes	2	yes	yes
EC-L-B	201270	2	yes	yes	2	yes	yes
EC-L-P	201305	2	yes	yes	2	yes	yes
EC-L-NM	200887	8	yes	yes	2	yes	yes
EC-L-B-NM	201272	4	yes	yes	2	yes	yes
EC-L-P-NM	201307	4	yes	yes	2	yes	yes
EC-XL	200884	2	yes	yes	2	yes	yes
EC-XL-B	201271	2	yes	yes	2	yes	yes
EC-XL-P	201306	2	yes	yes	2	yes	yes
EC-XL-P-FIPS	201449	2	yes	yes	2	yes	yes
EC-XL-NM	200888	6	yes	yes	2	yes	yes
EC-XL-B-NM	201273	4	yes	yes	2	yes	yes
EC-XL-P-NM	201308	4	yes	yes	2	yes	yes
NX-700	200849	1	no	--	0 ³	N/A	N/A
NX-1700 AC	200404	1	no	--	1	no	N/A
NX-1700 AC	200576	1	no	--	1	no	N/A
NX-1700 DC	200464	1	no	--	1	no	N/A
NX-1700	200863	1	no	--	0 ⁴	N/A	N/A
NX-2700	200401	2	yes	yes	2	yes	yes
NX-2700	200697	2	yes	yes	2	yes	yes
NX-2700	201020	2	yes	yes	2	yes	yes
NX-3700	200400	2	yes	yes	2	yes	yes
NX-3700	200698	2	yes	yes	2	yes	yes
NX-3700	201021	2	yes	yes	2	yes	yes
NX-5700	200399	8	yes	yes	2	yes	yes
NX-5700	200699	8	yes	yes	2	yes	yes
NX-5700	201022	4	yes	yes	2	yes	yes
NX-6700	200828	8	yes	yes	2	yes	yes
NX-6700	201023	4	yes	yes	2	yes	yes
NX-7700	200398	10	yes	yes	2	yes	yes
NX-7700	200702	8	yes	yes	2	yes	yes
NX-7700	201024	4	yes	yes	2	yes	yes
NX-8700 ⁵	200397	14	yes	yes	2	yes	yes
NX-8700	200767	14	yes	yes	2	yes	yes
NX-8700	200879	8	yes	yes	2	yes	yes
NX-8700	201266	4	yes	yes	2	yes	yes
NX-9700 ⁶	200396	14	yes	yes	2	yes	yes
NX-9700	200768	14	yes	yes	2	yes	yes

Model	Part Number	HDD/SSD Drives			Power Supplies		
		Qty	Allow user to replace	Hot swappable	Qty	Allow user to replace	Hot swappable
NX-9700	200880	8	yes	yes	2	yes	yes
NX-9700	201267	4	yes	yes	2	yes	yes
NX-10700	200519	18	yes	yes	2	yes	yes
NX-10700	200769	18	yes	yes	2	yes	yes
NX-10700	200881	6	yes	yes	2	yes	yes
NX-10700	201268	4	yes	yes	2	yes	yes
NX-11700	200711	18	yes	yes	2	yes	yes
NX-11700	200882	6	yes	yes	2	yes	yes
NX-11700	201269	4	yes	yes	2	yes	yes

¹This model has a power adapter.

²This model has a power adapter.

³This model has a power adapter.

⁴This model has a power adapter.

⁵Two disk configurations -- regular and "v"

⁶Two disk configurations -- regular and "v"

EC-US [PN 201106]

EC-US	SSD	Power Adapter
Quantity	1	1
User authorized to replace?	no	N/A
Hot swappable?	--	--

EC-US – Front View



EC-US – Rear View



The only LED is the **Power** button. When the system is ON, the LED illuminates **Green**.

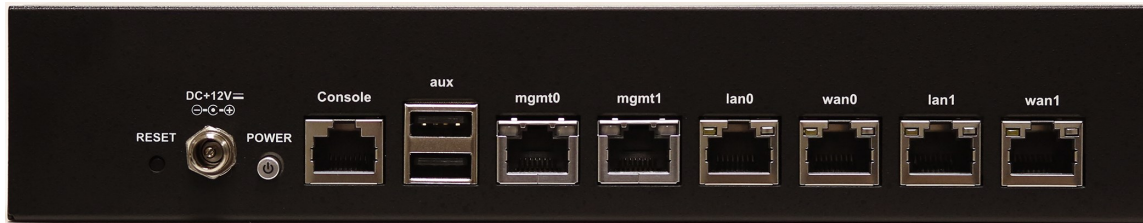
EC-XS [PN 200889] & EC-XS-FIPS [PN 201447]

EC-XS	SSD	Power Adapter
Quantity	1	1
User authorized to replace?	no	N/A
Hot swappable?	--	--

EC-XS – Front View



EC-XS – Rear View

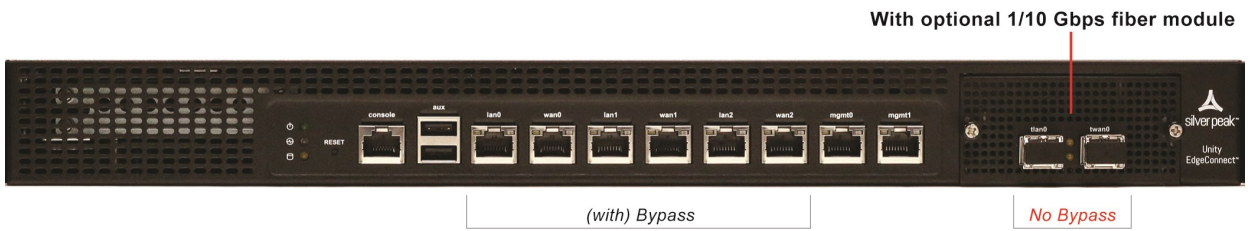


View	LED	Definition
Front LEDs 	Power	<ul style="list-style-type: none"> • Illuminated = System is powered on • Not illuminated = System is powered off
	Status	<ul style="list-style-type: none"> • Green = Operational state is normal • Red = System is malfunctioning
	SSD	<ul style="list-style-type: none"> • Blinking = Data access activities
Rear LEDs 	Speed	<ul style="list-style-type: none"> • Amber = Connection speed is 1000 Mbps • Green = Connection speed is 100 Mbps • Not illuminated = Connection speed is 10 Mbps
	Link/ACT	<ul style="list-style-type: none"> • Amber solid = Port is active • Amber blinking = There is traffic
	Both LEDs	<ul style="list-style-type: none"> • Not illuminated = BYPASS

EC-S [PN 200877]

EC-S	SSD	Power Adapter
Quantity	1	1
User authorized to replace?	no	N/A
Hot swappable?	--	--

EC-S – Front View



EC-S – Rear View

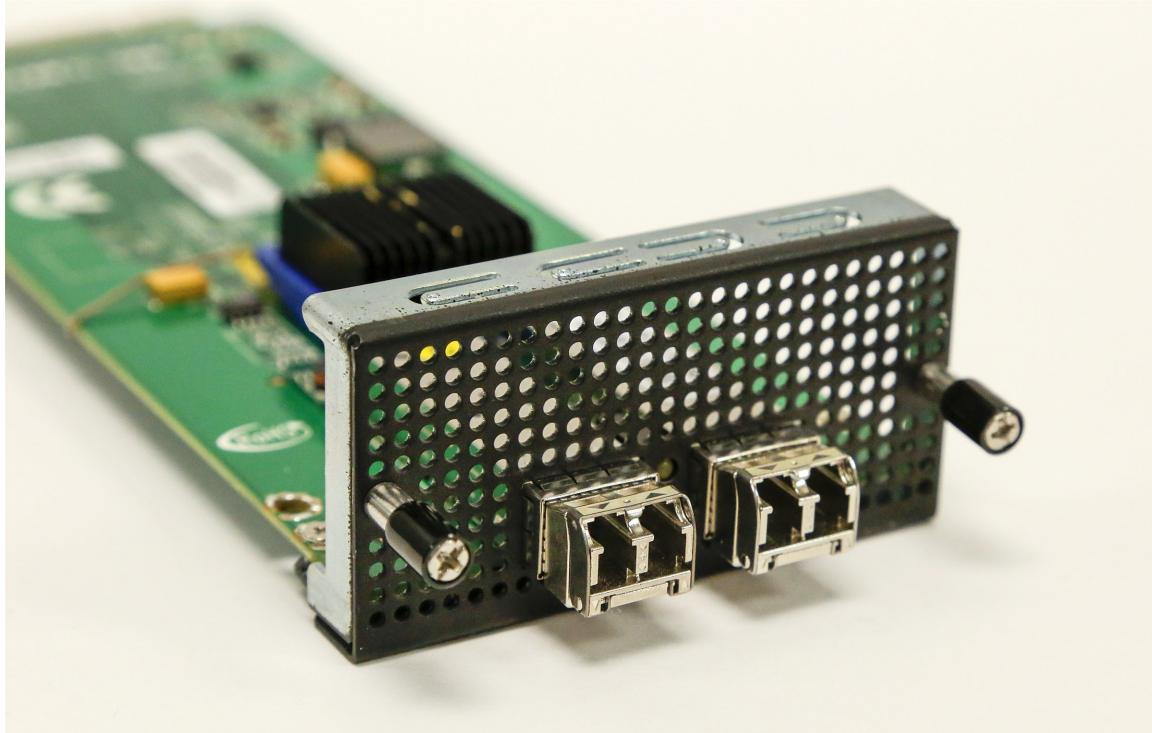


View	LED	Definition
Front LEDs 	Power	<ul style="list-style-type: none"> Illuminated = System is powered on Not illuminated = System is powered off
	Status	<ul style="list-style-type: none"> Green = Operational state is normal Red = System is malfunctioning
	SSD	<ul style="list-style-type: none"> Blinking = Data access activities
Rear LEDs 	Speed	<ul style="list-style-type: none"> Amber = Connection speed is 1000 Mbps Green = Connection speed is 100 Mbps Not illuminated = Connection speed is 10 Mbps
	Link/ACT	<ul style="list-style-type: none"> Amber solid = Port is active Amber blinking = There is traffic
	Both LEDs	<ul style="list-style-type: none"> Not illuminated = BYPASS

1/10 Gbps Fiber Interfaces

This applies when the optional fiber module is installed.


tlan0 / twan0	Status	LEDs (Amber)
	Link	ON
	Active	Flash
	Non-Link	OFF



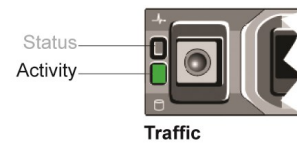
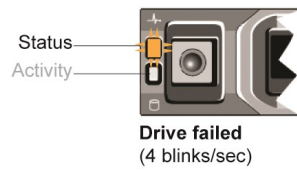
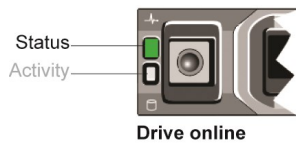
The SFP+ optical transceivers for the **EC-S** appliance come as a module. You have a choice of either the **SR** or **LR** module:

- Short Reach (**SR**) transceiver's bail (handle) is **beige**.
 - Long Reach (**LR**) transceiver's bail (handle) is **blue**.
-

EC-M [PN 200890]

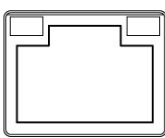
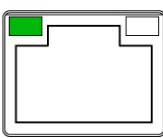
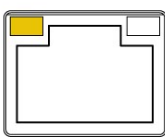
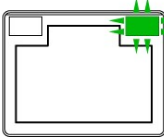
EC-M	SSD	Power Supplies	Disk Layout
Quantity	2	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

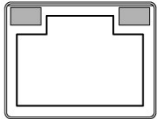
EC-M – Front View

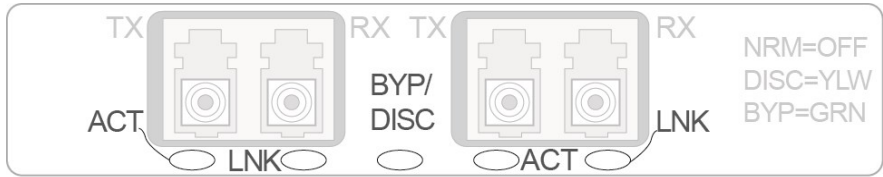


EC-M – Rear View




mgmt0 & mgmt1			
Link 	Activity 	Link 	Link Activity 
Not connected	Connected at max speed	Connected at lower speed	Traffic

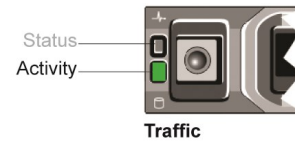
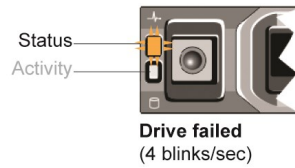
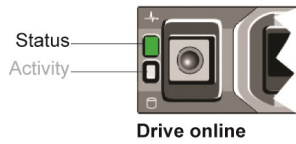
LED		lan0 / wan0 / lan1 / wan1
Rear LEDs Speed / Bypass / Disconnect Link / Activity 	Speed / Bypass / Disconnect	SPEED <ul style="list-style-type: none"> • Yellow solid = Connection speed is 1000 Mbps • Green solid = Connection speed is 100 Mbps • Not illuminated = Connection speed is 10 Mbps Bypass/Disconnect <ul style="list-style-type: none"> • Green blinking = Bypass • Yellow linking = Disconnect
	Link/ACT	<ul style="list-style-type: none"> • Green solid = Port is active • Green blinking = There is traffic

1/10 Gbps fiber interfaces for tlan / twan — SR (Short Reach) modules			
			
Indicator		10G	1G
LNK	Link	blue solid	green solid
ACT	Activity	green blinking	
BYPASS	Bypass	green solid	
DISC	Disconnect	yellow solid	
NRM	Normal	off — In NRM mode, the ports are independent interfaces	

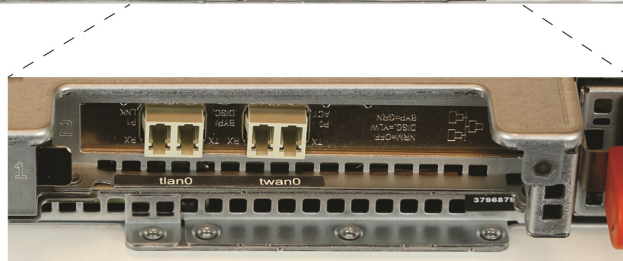
EC-M-B [PN 200969]

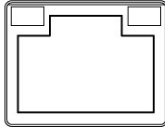
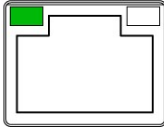
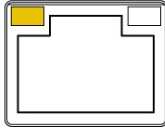
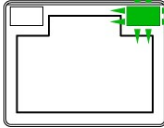
EC-M	SSD	Power Supplies	Disk Layout
Quantity	2	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

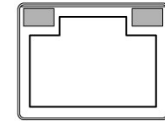
EC-M-B – Front View



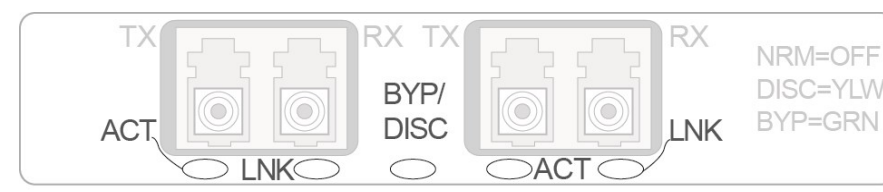
EC-M-B – Rear View



mgmt0 & mgmt1			
<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 
Not connected	Connected at max speed	Connected at lower speed	Traffic


LED	lan0 / wan0 / lan1 / wan1	
<p>Rear LEDs</p> <p>Speed / Bypass / Disconnect Link / Activity</p> 	<p>Speed / Bypass / Disconnect</p> <ul style="list-style-type: none"> • Yellow solid = Connection speed is 1000 Mbps • Green solid = Connection speed is 100 Mbps • Not illuminated = Connection speed is 10 Mbps <p>Bypass/Disconnect</p> <ul style="list-style-type: none"> • Green blinking = Bypass • Yellow linking = Disconnect 	<p>SPEED</p> <ul style="list-style-type: none"> • Yellow solid = Connection speed is 1000 Mbps • Green solid = Connection speed is 100 Mbps • Not illuminated = Connection speed is 10 Mbps <p>Bypass/Disconnect</p> <ul style="list-style-type: none"> • Green blinking = Bypass • Yellow linking = Disconnect
	<p>Link/ACT</p> <ul style="list-style-type: none"> • Green solid = Port is active • Green blinking = There is traffic 	

1/10 Gbps fiber interfaces for tlan / twan — SR (Short Reach) modules

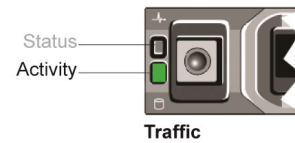
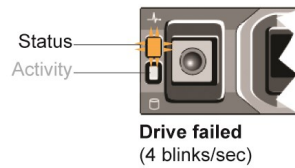
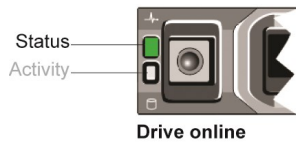


Indicator		10G	1G
LNK	Link	blue solid	green solid
ACT	Activity		green blinking
BYPASS	Bypass		green solid
DISC	Disconnect		yellow solid
NRM	Normal	off — In NRM mode, the ports are independent interfaces	

EC-M-P [PN 201274] & EC-M-P-FIPS [PN 201448]

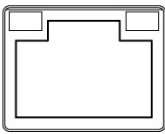
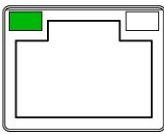
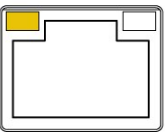
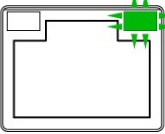
EC-M-P & EC-M-P-FIPS	Drives	Power Supplies	Disk Layout
Quantity	2	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

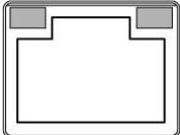
EC-M-P – Front View



EC-M-P – Rear View



mgmt0 & mgmt1			
<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 
Not connected	Connected at max speed	Connected at lower speed	Traffic


LED		lan0 / wan0 / lan1 / wan1
<p>Rear LEDs</p> <p>Link Activity</p> 	<p>Speed</p>	<p>SPEED</p> <ul style="list-style-type: none"> ■ Green solid = Connection speed is 1000 Mbps ■ Amber solid = Connection speed is 100 Mbps or 10 Mbps
	<p>Link/ACT</p>	<ul style="list-style-type: none"> ■ Green blinking

1/10 Gbps fiber interfaces for tlan / twan — SR (Short Reach) & LR (Long Reach) modules



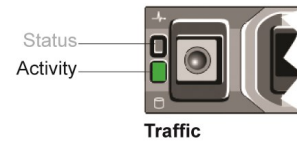
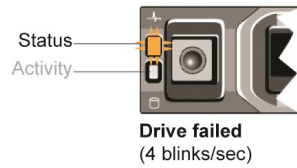
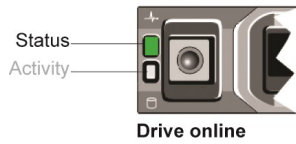
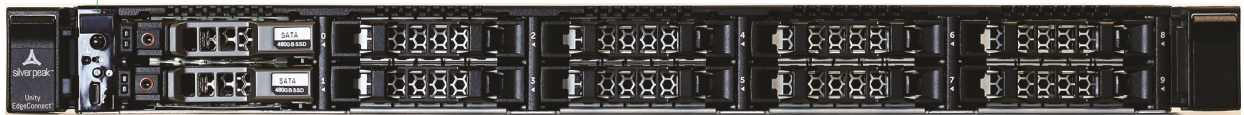
Indicator		10G	1G
LNK	Link	green solid	yellow solid
ACT	Activity	green blinking	

EC-L [PN 200883]

EC-L	SSD	Power Supplies	Disk Layout
Quantity	2	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

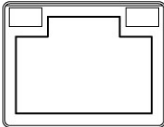
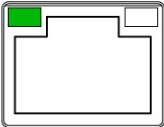
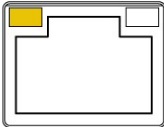
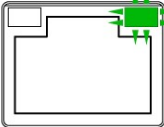
EC-L – Front View

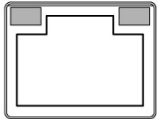
Power LED [green = ON]

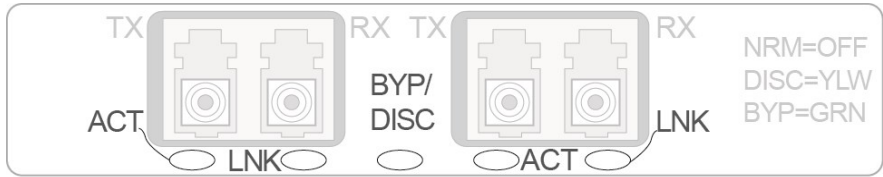


EC-L – Rear View




mgmt0 & mgmt1			
<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 
Not connected	Connected at max speed	Connected at lower speed	Traffic

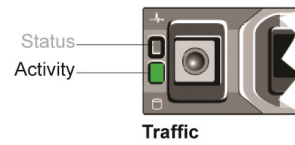
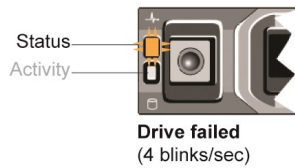
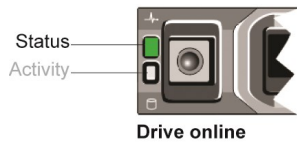
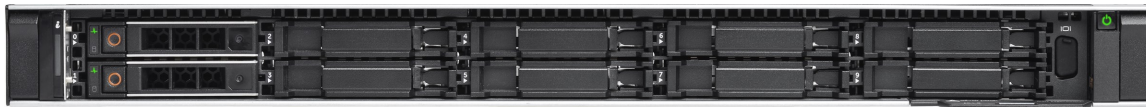
LED		lan0 / wan0 / lan1 / wan1
Rear LEDs Speed / Bypass / Disconnect Link / Activity 	Speed / Bypass / Disconnect	SPEED <ul style="list-style-type: none"> • Yellow solid = Connection speed is 1000 Mbps • Green solid = Connection speed is 100 Mbps • Not illuminated = Connection speed is 10 Mbps Bypass/Disconnect <ul style="list-style-type: none"> • Green blinking = Bypass • Yellow linking = Disconnect
	Link/ACT	<ul style="list-style-type: none"> • Green solid = Port is active • Green blinking = There is traffic

1/10 Gbps fiber interfaces for tlan / twan — SR (Short Reach) modules			
			
Indicator		10G	1G
LNK	Link	blue solid	green solid
ACT	Activity	green blinking	
BYPASS	Bypass	green solid	
DISC	Disconnect	yellow solid	
NRM	Normal	off — In NRM mode, the ports are independent interfaces	

EC-L-B [PN 201270]

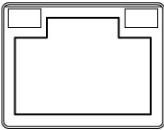
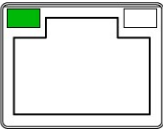
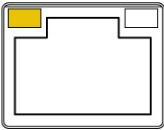
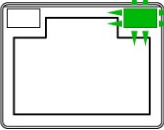
EC-L-B	SSD	Power Supplies	Disk Layout
Quantity	2	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

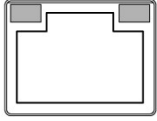
EC-L-B – Front View

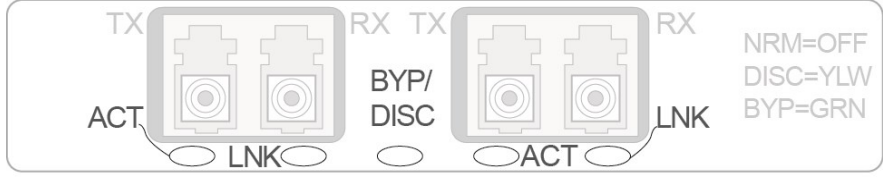


EC-L-B – Rear View




mgmt0 & mgmt1			
Link Activity 	Link Activity 	Link Activity 	Link Activity 
Not connected	Connected at max speed	Connected at lower speed	Traffic

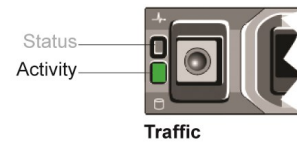
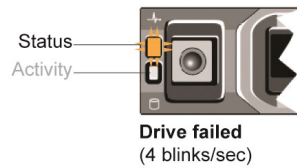
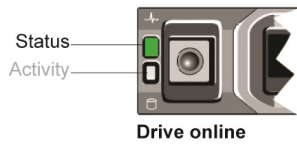
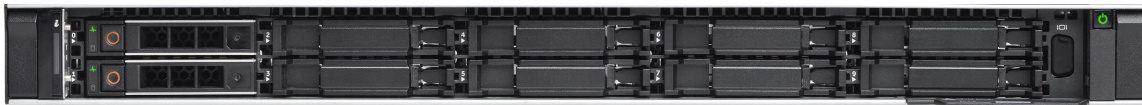
LED		lan0 / wan0 / lan1 / wan1
Rear LEDs Speed / Bypass / Disconnect Link / Activity 	Speed / Bypass / Disconnect	SPEED <ul style="list-style-type: none"> • Yellow solid = Connection speed is 1000 Mbps • Green solid = Connection speed is 100 Mbps • Not illuminated = Connection speed is 10 Mbps Bypass/Disconnect <ul style="list-style-type: none"> • Green blinking = Bypass • Yellow linking = Disconnect
	Link/ACT	<ul style="list-style-type: none"> • Green solid = Port is active • Green blinking = There is traffic

1/10 Gbps fiber interfaces for tlan / twan — SR (Short Reach) modules			
			
Indicator		10G	1G
LNK	Link	blue solid	green solid
ACT	Activity	green blinking	
BYPASS	Bypass	green solid	
DISC	Disconnect	yellow solid	
NRM	Normal	off — In NRM mode, the ports are independent interfaces	

EC-L-P [PN 201305]

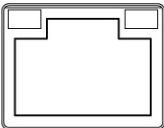
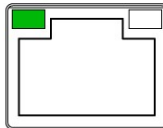
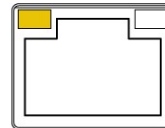
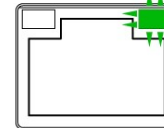
EC-L-P	SSD	Power Supplies	Disk Layout
Quantity	2	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

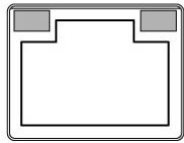
EC-L-P– Front View



EC-L-P – Rear View




mgmt0 & mgmt1			
Link Activity 	Link Activity 	Link Activity 	Link Activity 
Not connected	Connected at max speed	Connected at lower speed	Traffic

LED		lan0 / wan0 / lan1 / wan1
Rear LEDs Link Activity 	Speed	SPEED <ul style="list-style-type: none"> ■ Greensolid = Connection speed is 1000 Mbps ■ Ambersolid = Connection speed is 100 Mbps or 10 Mbps
	Link/ACT	<ul style="list-style-type: none"> ■ Green blinking

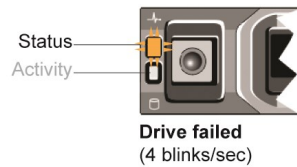
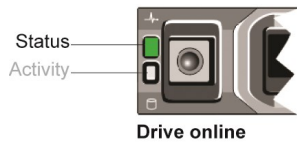
1/10 Gbps fiber interfaces for tlan / twan — SR (Short Reach) & LR (Long Reach) modules			
			
Indicator		10G	1G
LNK	Link	green solid	yellow solid
ACT	Activity	green blinking	

EC-L-NM [PN 200887]

EC-L-NM	SSD	Power Supplies	Disk Layout
Quantity	8	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

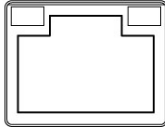
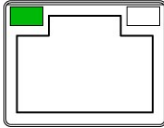
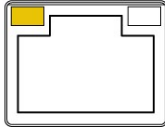
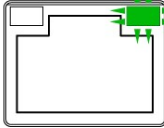
EC-L-NM – Front View

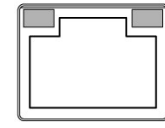
Power LED [green = ON]



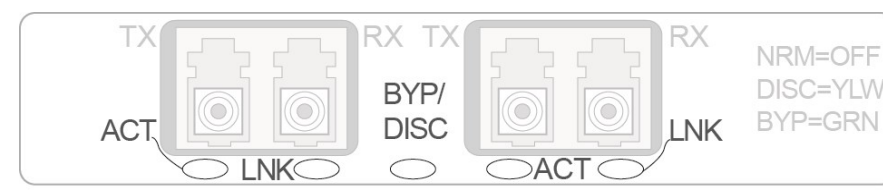
EC-L-NM – Rear View



mgmt0 & mgmt1			
<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 
Not connected	Connected at max speed	Connected at lower speed	Traffic


LED	lan0 / wan0 / lan1 / wan1	
<p>Rear LEDs</p> <p>Speed / Bypass / Disconnect Link / Activity</p> 	<p>Speed / Bypass / Disconnect</p> <ul style="list-style-type: none"> • Yellow solid = Connection speed is 1000 Mbps • Green solid = Connection speed is 100 Mbps • Not illuminated = Connection speed is 10 Mbps <p>Bypass/Disconnect</p> <ul style="list-style-type: none"> • Green blinking = Bypass • Yellow linking = Disconnect 	<p>SPEED</p> <ul style="list-style-type: none"> • Yellow solid = Connection speed is 1000 Mbps • Green solid = Connection speed is 100 Mbps • Not illuminated = Connection speed is 10 Mbps <p>Bypass/Disconnect</p> <ul style="list-style-type: none"> • Green blinking = Bypass • Yellow linking = Disconnect
	<p>Link/ACT</p> <ul style="list-style-type: none"> • Green solid = Port is active • Green blinking = There is traffic 	

1/10 Gbps fiber interfaces for tlan / twan — SR (Short Reach) modules

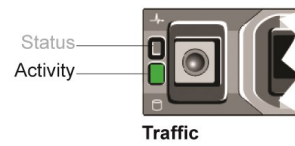
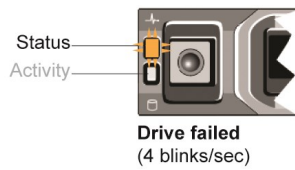
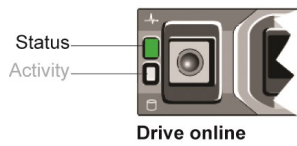
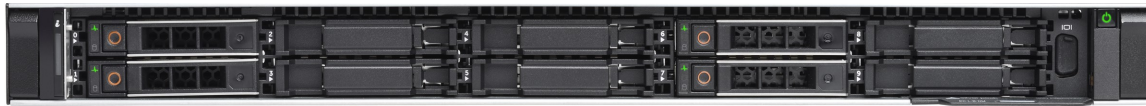


Indicator		10G	1G
LNK	Link	blue solid	green solid
ACT	Activity		green blinking
BYPASS	Bypass		green solid
DISC	Disconnect		yellow solid
NRM	Normal	off — In NRM mode, the ports are independent interfaces	

EC-L-B-NM [PN 201272]

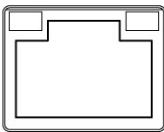
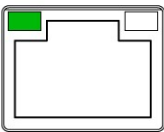
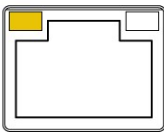
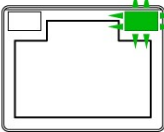
EC-L-B-NM	SSD	Power Supplies	Disk Layout
Quantity	2 SSD + 2 NVMe	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

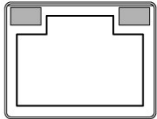
EC-L-B-NM– Front View

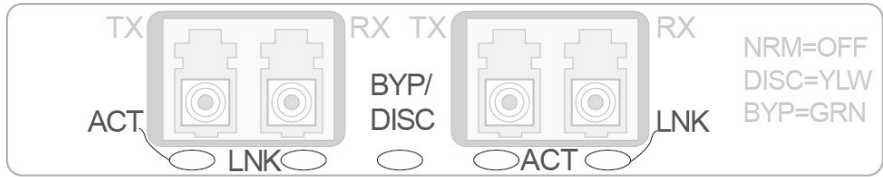


EC-L-B-NM– Rear View




mgmt0 & mgmt1			
Link	Activity	Link	Activity
			
Not connected	Connected at max speed	Connected at lower speed	Traffic

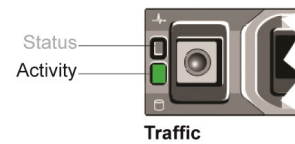
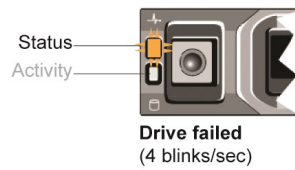
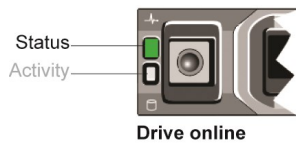
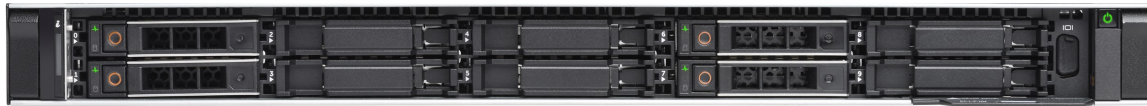
LED		lan0 / wan0 / lan1 / wan1
Rear LEDs Speed / Bypass / Disconnect Link / Activity 	Speed / Bypass / Disconnect	SPEED <ul style="list-style-type: none"> • Yellow solid = Connection speed is 1000 Mbps • Green solid = Connection speed is 100 Mbps • Not illuminated = Connection speed is 10 Mbps Bypass/Disconnect <ul style="list-style-type: none"> • Green blinking = Bypass • Yellow linking = Disconnect
	Link/ACT	<ul style="list-style-type: none"> • Green solid = Port is active • Green blinking = There is traffic

1/10 Gbps fiber interfaces for tlan / twan — SR (Short Reach) modules			
			
Indicator		10G	1G
LNK	Link	blue solid	green solid
ACT	Activity	green blinking	
BYPASS	Bypass	green solid	
DISC	Disconnect	yellow solid	
NRM	Normal	off — In NRM mode, the ports are independent interfaces	

EC-L-P-NM [PN 201307]

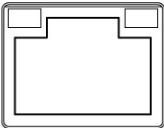
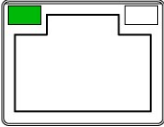
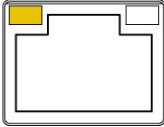
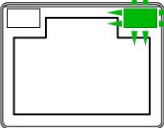
EC-L-P-NM	SSD	Power Supplies	Disk Layout
Quantity	2 SSD + 2 NVMe	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

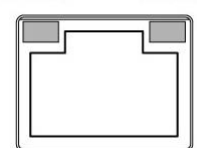
EC-L-P-NM– Front View



EC-L-P-NM– Rear View



mgmt0 & mgmt1			
<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 
Not connected	Connected at max speed	Connected at lower speed	Traffic

LED		lan0 / wan0 / lan1 / wan1
Rear LEDs Link Activity 	Speed	SPEED <ul style="list-style-type: none"> ■ Greensolid = Connection speed is 1000 Mbps ■ Ambersolid = Connection speed is 100 Mbps or 10 Mbps
	Link/ACT	<ul style="list-style-type: none"> ■ Green blinking

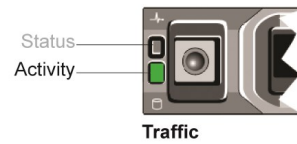
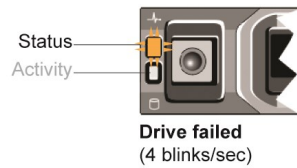
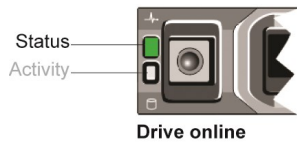
1/10 Gbps fiber interfaces for tlan / twan — SR (Short Reach) & LR (Long Reach) modules			
			
Indicator		10G	1G
LNK	Link	green solid	yellow solid
ACT	Activity	green blinking	

EC-XL [PN 200884]

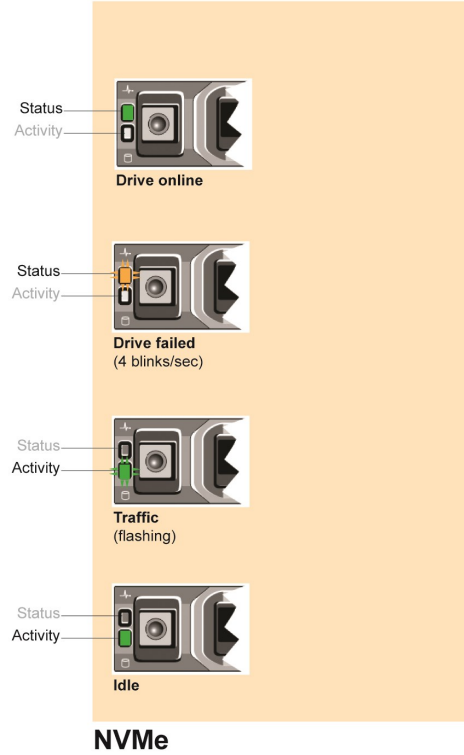
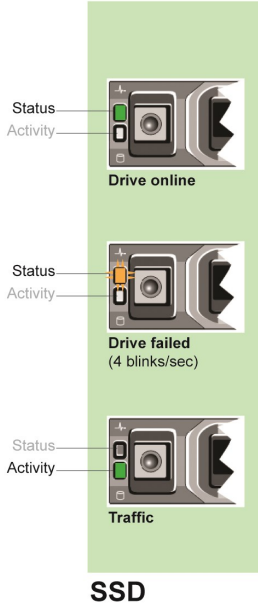
EC-XL	Drives	Power Supplies	Disk Layout
Quantity	2 SSD	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

EC-XL – Front Views

Power LED [green = ON]

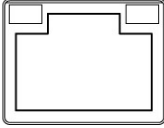
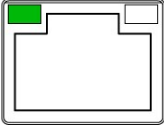
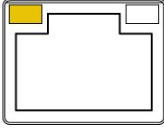
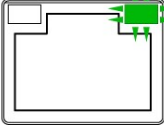


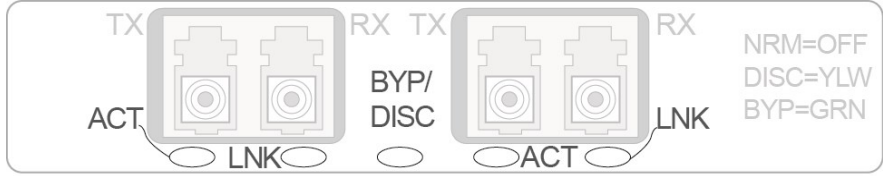
Front View - with additional optional disks




EC-XL – Rear View



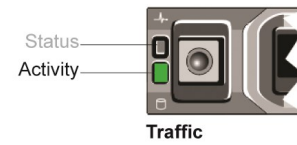
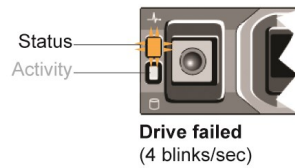
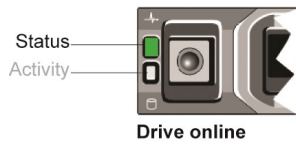
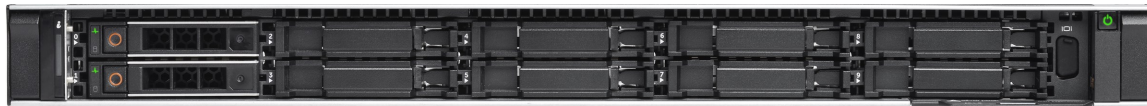
mgmt0 & mgmt1			
<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 
Not connected	Connected at max speed	Connected at lower speed	Traffic

1/10 Gbps fiber interfaces for tlan / twan — SR (Short Reach) modules			
 <p style="text-align: right;">NRM=OFF DISC=YLW BYP=GRN</p>			
Indicator		10G	1G
LNK	Link	blue solid	green solid
ACT	Activity	green blinking	
BYPASS	Bypass	green solid	
DISC	Disconnect	yellow solid	
NRM	Normal	off — In NRM mode, the ports are independent interfaces	

EC-XL-B [PN 201271]

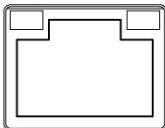
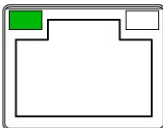
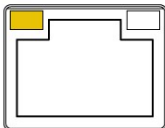
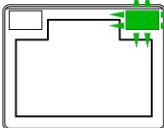
EC-XL-B	Drives	Power Supplies	Disk Layout
Quantity	2	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

EC-XL-B – Front Views

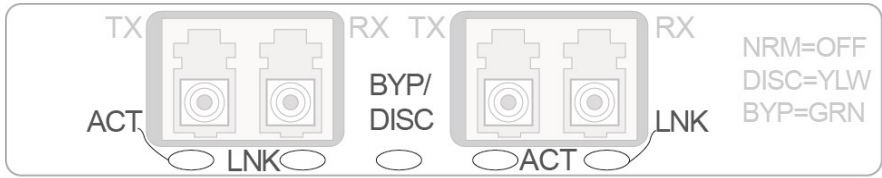


EC-XL-B – Rear View




mgmt0 & mgmt1			
Link Activity	Link Activity	Link Activity	Link Activity
			
Not connected	Connected at max speed	Connected at lower speed	Traffic

1/10 Gbps fiber interfaces for tlan / twan — SR (Short Reach) modules

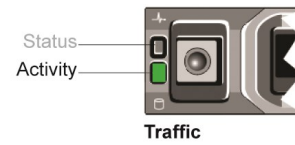
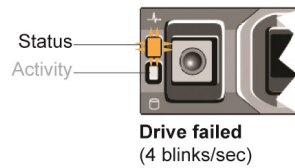
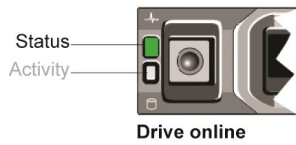
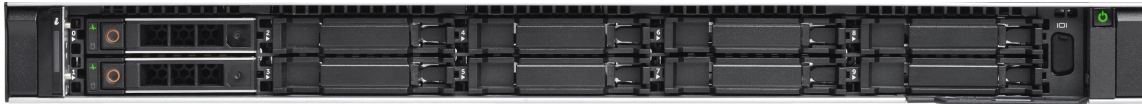


Indicator		10G	1G
LNK	Link	blue solid	green solid
ACT	Activity	green blinking	
BYPASS	Bypass	green solid	
DISC	Disconnect	yellow solid	
NRM	Normal	off — In NRM mode, the ports are independent interfaces	

EC-XL-P [PN 201306] & EC-XL-P-FIPS [PN 201449]

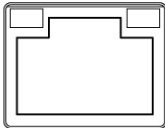
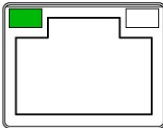
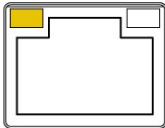
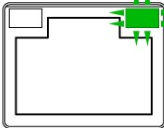
EC-XL-P	Drives	Power Supplies	Disk Layout
Quantity	2	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

EC-XL-P – Front Views

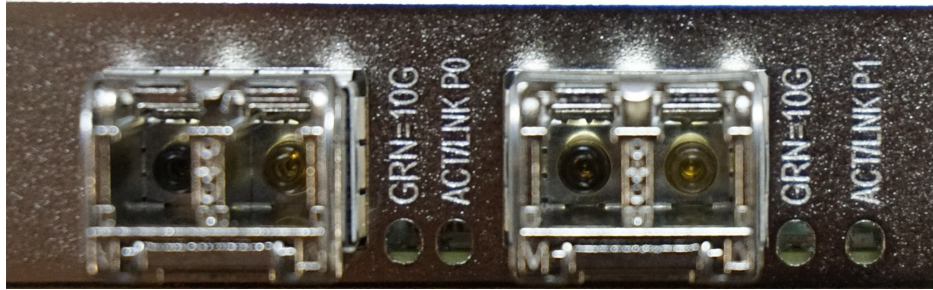


EC-XL-P – Rear View



mgmt0 & mgmt1			
Link Activity	Link Activity	Link Activity	Link Activity
			
Not connected	Connected at max speed	Connected at lower speed	Traffic

1/10 Gbps fiber interfaces for tlan / twan — SR (Short Reach) & LR (Long Reach) modules



Indicator		10G	1G
LNK	Link	green solid	yellow solid
ACT	Activity	green blinking	

EC-XL-NM [PN 200888]

EC-XL-NM	Drives	Power Supplies	Disk Layout
Quantity	2 SSD + 4 NVMe	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

EC-XL-NM – Front View

Power LED [green = ON]



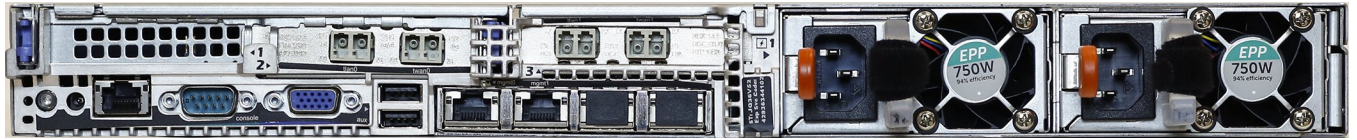
SSD

Drive online: Status LED green, Activity LED off.
Drive failed (4 blinks/sec): Status LED orange, Activity LED off.
Traffic: Status LED green, Activity LED green (flashing).

NVMe

Drive online: Status LED green, Activity LED off.
Drive failed (4 blinks/sec): Status LED orange, Activity LED off.
Traffic (flashing): Status LED green, Activity LED green (flashing).
Idle: Status LED green, Activity LED off.


EC-XL-NM – Rear View



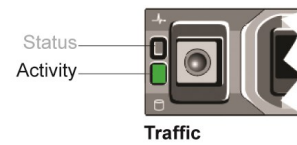
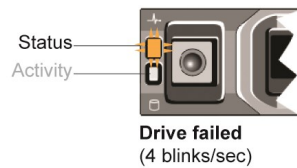
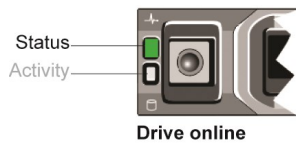
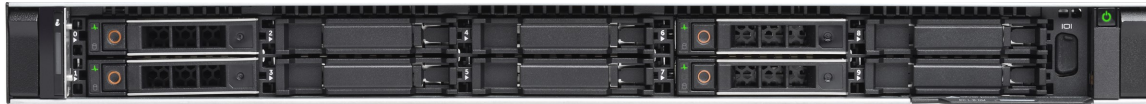
mgmt0 & mgmt1			
<p>Link Activity</p>	<p>Link Activity</p>	<p>Link Activity</p>	<p>Link Activity</p>
Not connected	Connected at max speed	Connected at lower speed	Traffic

1/10 Gbps fiber interfaces for tlan / twan — SR (Short Reach) modules			
Indicator		10G	1G
LNK	Link	blue solid	green solid
ACT	Activity	green blinking	
BYPASS	Bypass	green solid	
DISC	Disconnect	yellow solid	
NRM	Normal	off — In NRM mode, the ports are independent interfaces	

EC-XL-B-NM [PN 201273]

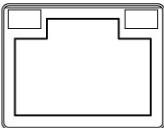
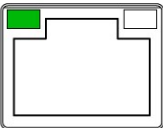
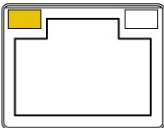
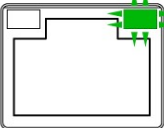
EC-XL-B-NM	Drives	Power Supplies	Disk Layout
Quantity	2 SSD +2 NVMe	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

EC-XL-B-NM – Front Views

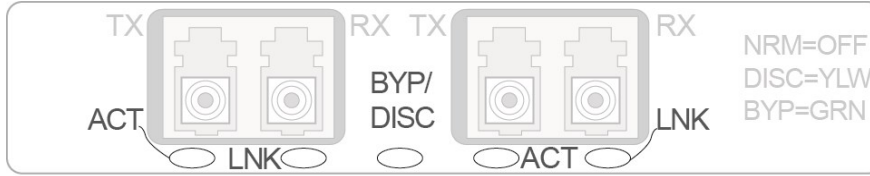


EC-XL-B-NM – Rear View




mgmt0 & mgmt1			
<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 
Not connected	Connected at max speed	Connected at lower speed	Traffic

1/10 Gbps fiber interfaces for tlan / twan — SR (Short Reach) modules

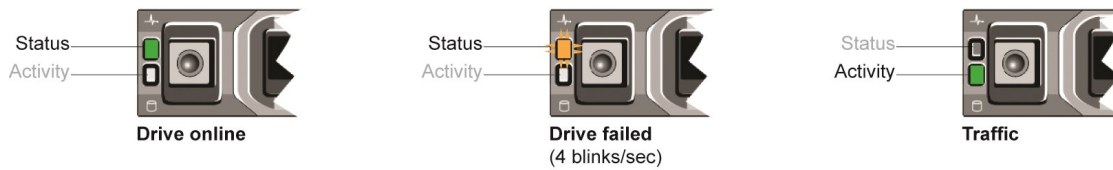
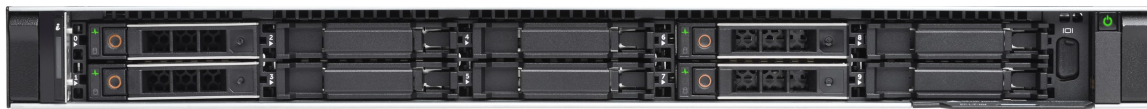


Indicator		10G	1G
LNK	Link	blue solid	green solid
ACT	Activity	green blinking	
BYPASS	Bypass	green solid	
DISC	Disconnect	yellow solid	
NRM	Normal	off — In NRM mode, the ports are independent interfaces	

EC-XL-P-NM [PN 201308]

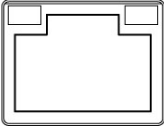
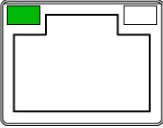
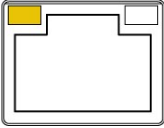
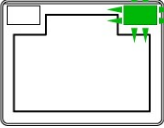
EC-XL-P-NM	Drives	Power Supplies	Disk Layout
Quantity	2 SSD +2 NVMe	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

EC-XL-P-NM – Front Views

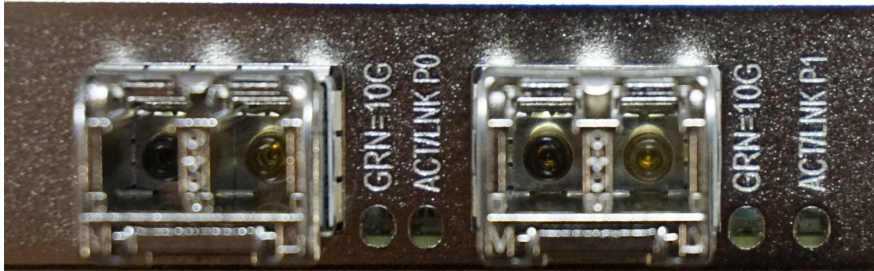


EC-XL-P-NM – Rear View



mgmt0 & mgmt1			
Link Activity 	Link Activity 	Link Activity 	Link Activity 
Not connected	Connected at max speed	Connected at lower speed	Traffic

1/10 Gbps fiber interfaces for tlan / twan — SR (Short Reach) & LR (Long Reach) modules



Indicator		10G	1G
LNK	Link	green solid	yellow solid
ACT	Activity	green blinking	

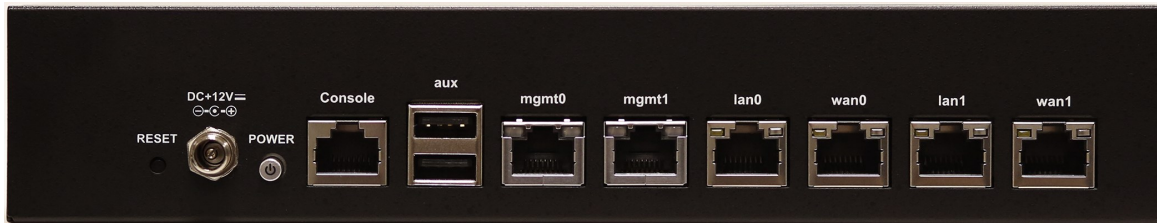
NX-700 [PN 200849]

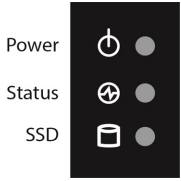
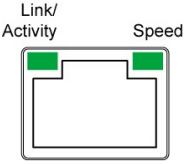
NX-700	SSD	Power Adapter
Quantity	1	1
User authorized to replace?	no	N/A
Hot swappable?	--	--

NX-700 – Front View



NX-700 – Rear View



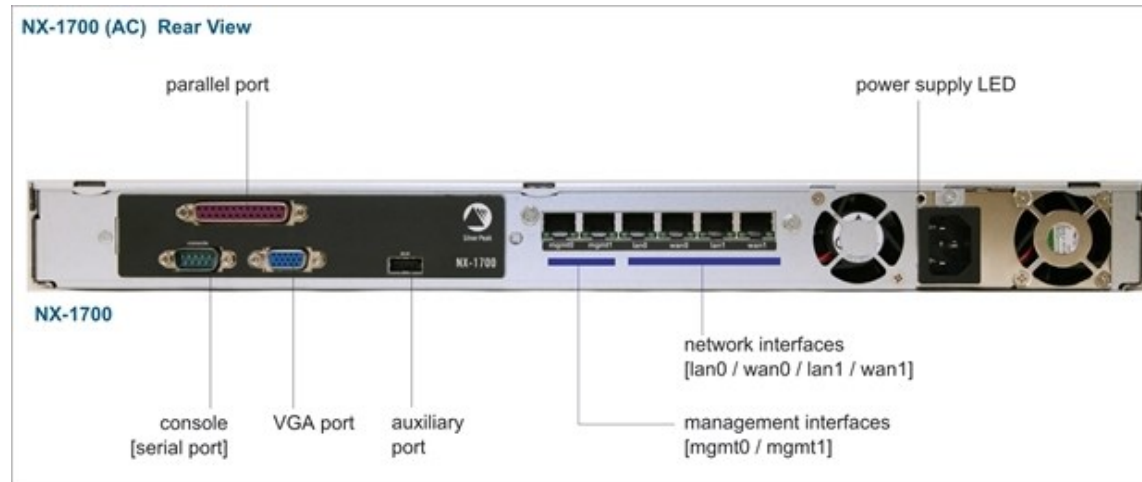
View	LED	Definition
Front LEDs 	Power	<ul style="list-style-type: none"> • Illuminated = System is powered on • Not illuminated = System is powered off
	Status	<ul style="list-style-type: none"> • Green = Operational state is normal • Red = System is malfunctioning
	SSD	<ul style="list-style-type: none"> • Blinking = Data access activities
Rear LEDs 	Speed	<ul style="list-style-type: none"> • Amber = Connection speed is 1000 Mbps • Green = Connection speed is 100 Mbps • Not illuminated = Connection speed is 10 Mbps
	Link/ACT	<ul style="list-style-type: none"> • Amber solid = Port is active • Amber blinking = There is traffic
	Both LEDs	<ul style="list-style-type: none"> • Not illuminated = BYPASS

NX-1700 AC [PN 200404 and PN 200576]

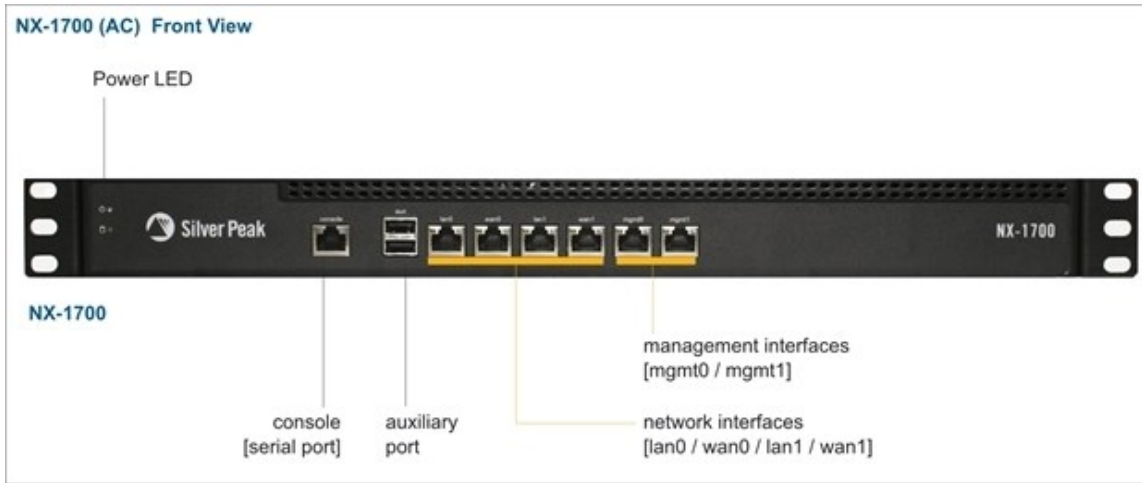
NX-1700	HDD	Power Supplies
Quantity	1	1
User authorized to replace?	no	no
Hot swappable?	--	--

There are two different physical chassis for AC current. Functionally, the only distinction is whether the physical interfaces are on the front panel or the rear panel.

Option #1 – NX-1700 AC with Interfaces on Rear Panel [PN 200404]



Option #2 – NX-1700 AC with Interfaces on Front Panel [PN 200576]

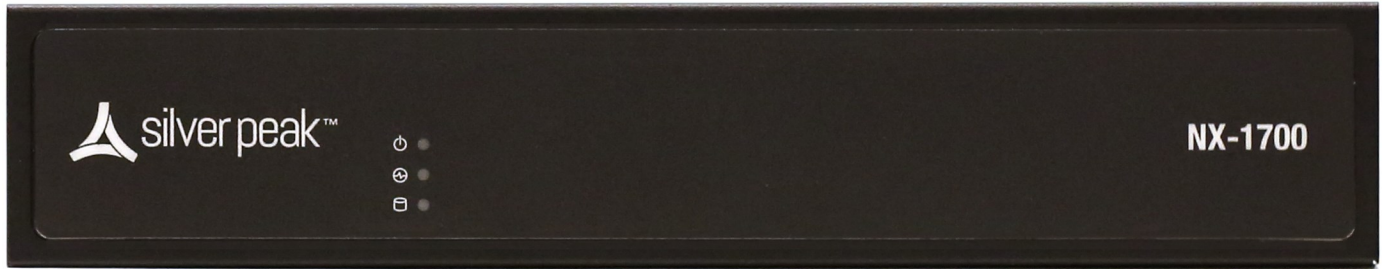


	mgmt0 & mgmt1				lan0 / wan0 / lan1 / wan1
	Not connected	10 Mbps	100 Mbps	1000 Mbps	
Link/Activity: blinking = traffic -- Speed = solid	Link/ Activity Speed 	Link/ Activity Speed 	Link/ Activity Speed 	Link/ Activity Speed 	Link/ Activity Speed

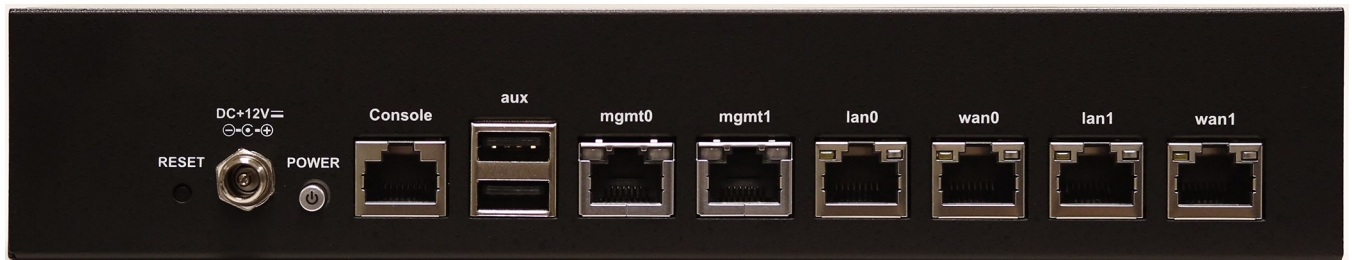
NX-1700 [PN 200863]

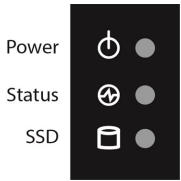
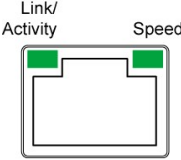
NX-1700	SSD	Power Adapter
Quantity	1	1
User authorized to replace?	no	N/A
Hot swappable?	--	--

NX-1700 – Front View



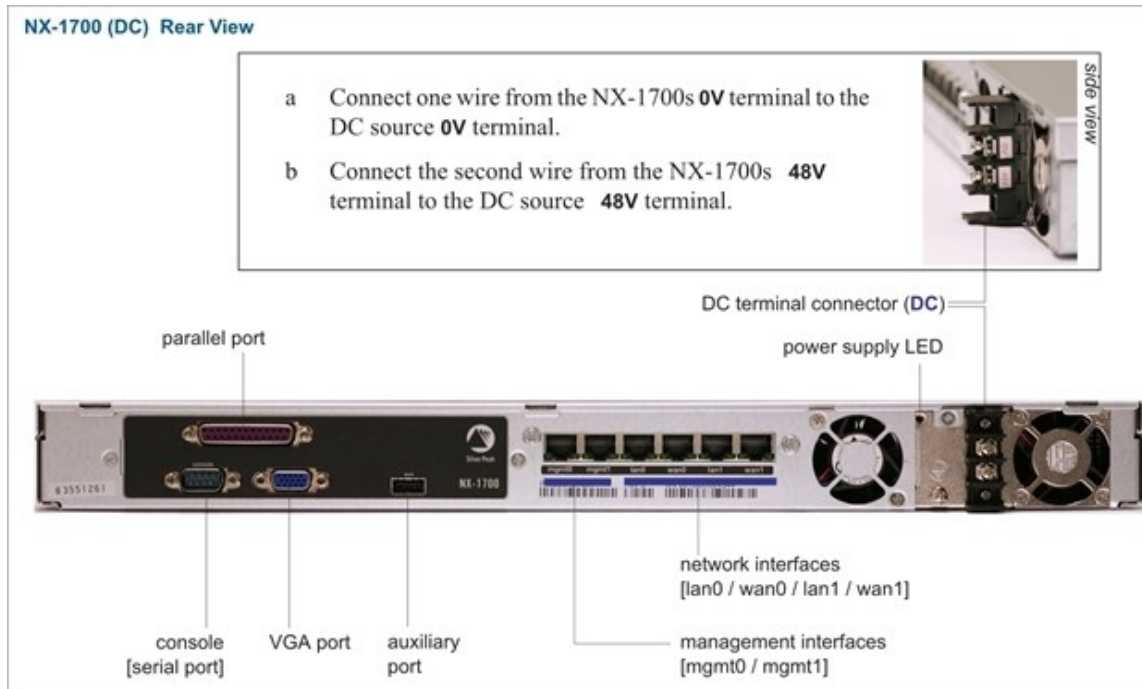
NX-1700 – Rear View

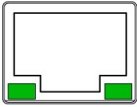
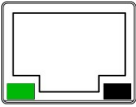
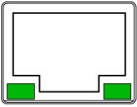
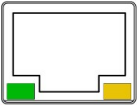
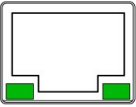


View	LED	Definition
Front LEDs 	Power	<ul style="list-style-type: none"> • Illuminated = System is powered on • Not illuminated = System is powered off
	Status	<ul style="list-style-type: none"> • Green = Operational state is normal • Red = System is malfunctioning
	SSD	<ul style="list-style-type: none"> • Blinking = Data access activities
Rear LEDs 	Speed	<ul style="list-style-type: none"> • Amber = Connection speed is 1000 Mbps • Green = Connection speed is 100 Mbps • Not illuminated = Connection speed is 10 Mbps
	Link/ACT	<ul style="list-style-type: none"> • Amber solid = Port is active • Amber blinking = There is traffic
	Both LEDs	<ul style="list-style-type: none"> • Not illuminated = BYPASS

NX-1700 DC [PN 200464]

NX-1700	HDD	Power Supplies
Quantity	1	1
User authorized to replace?	no	no
Hot swappable?	--	--



	mgmt0 & mgmt1				lan0 / wan0 / lan1 / wan1
	Not connected	10 Mbps	100 Mbps	1000 Mbps	
Link/Activity: blinking = traffic -- Speed = solid	Link/ Activity Speed 	Link/ Activity Speed 	Link/ Activity Speed 	Link/ Activity Speed 	Link/ Activity Speed 

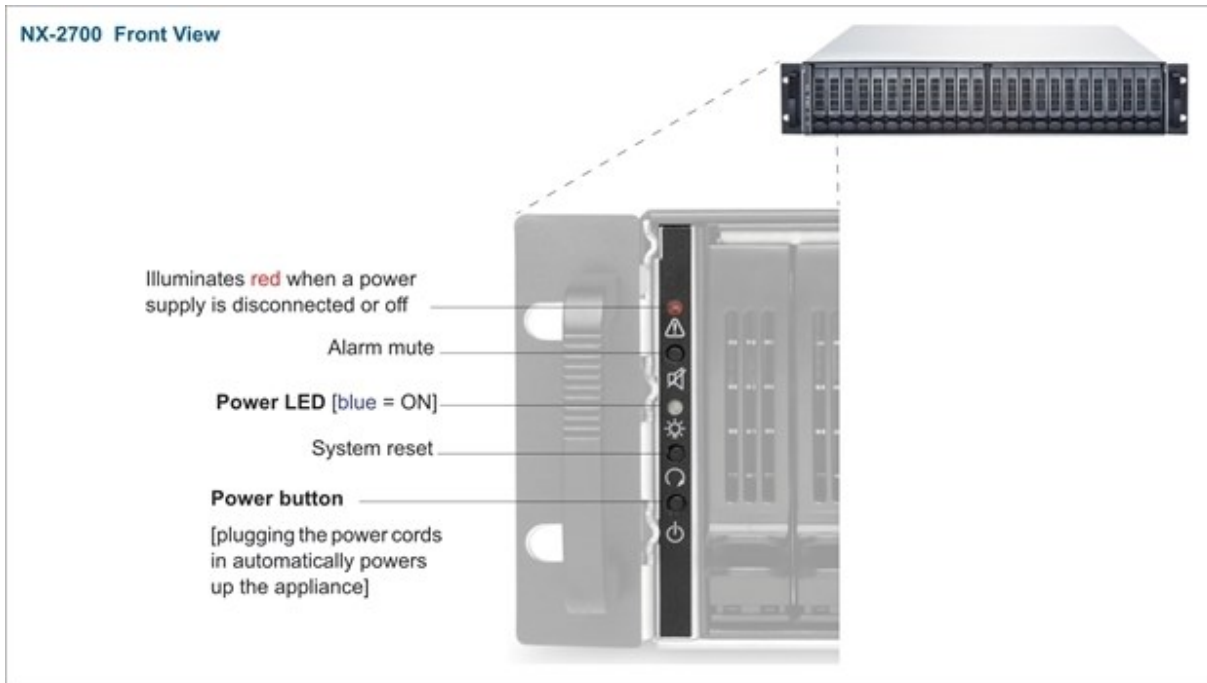
NX-2700 [PN 200401]

NX-2700	HDD	Power Supplies
Quantity	2	2
User authorized to replace?	yes	yes
Hot swappable?	yes	yes

NX-2700 Disk Layout



NX-2700 Front View

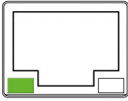

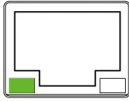
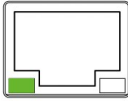

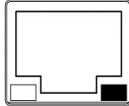

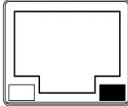
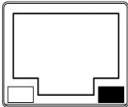

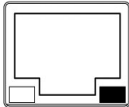



NX-2700 Rear View


Each power cord socket has a corresponding green LED to its left. When a socket receives power, its LED illuminates **green**.



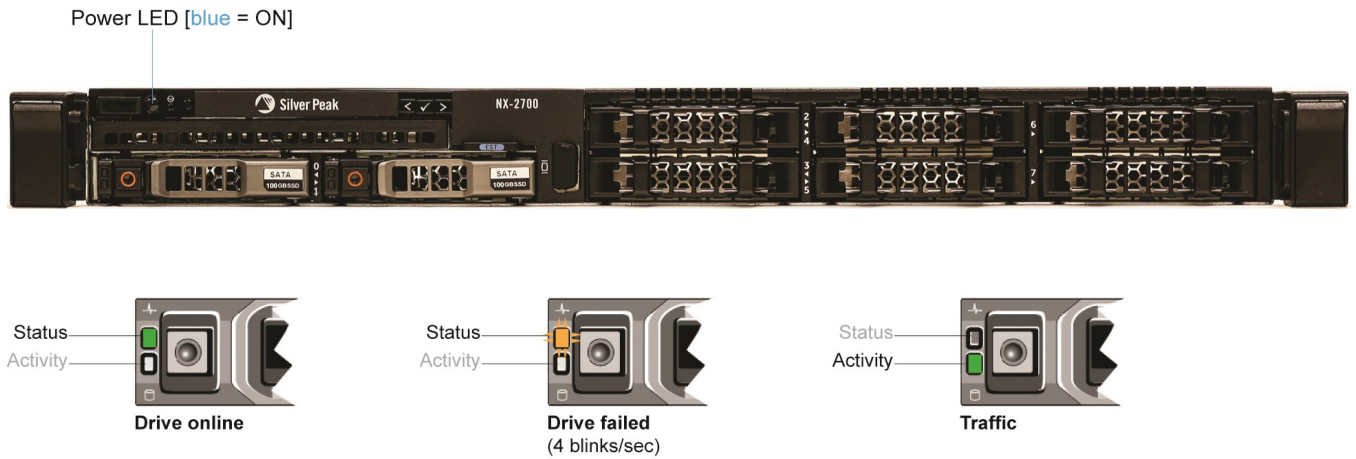
	mgmt0 & mgmt1			
	Not connected	10 Mbps	100 Mbps	1000 Mbps
<p>Speed = solid</p> <p>Link/Activity:</p> <ul style="list-style-type: none"> • solid = link • blinking = traffic 	<p>Link/Activity Speed</p>	<p>Link/Activity Speed</p>	<p>Link/Activity Speed</p>	<p>Link/Activity Speed</p>

Network interfaces				
<p>Link/Activity:</p> <ul style="list-style-type: none"> • solid green = link good • blinking green = traffic 	<p>lan0</p>  <p>Link/Activity</p>	<p>wan0</p>  <p>Link/Activity</p>	<p>lan1</p>  <p>Link/Activity</p>	<p>wan1</p>  <p>Link/Activity</p>
<p>system bypass mode</p> <ul style="list-style-type: none"> • Ports 0 + 2 - solid green • Ports 1 + 3 - OFF 	<p>lan0</p> 	<p>wan0</p> 	<p>lan1</p> 	<p>wan1</p> 
<p>slave ports not in system bypass</p> <ul style="list-style-type: none"> • Ports 0 + 2 - OFF • Ports 1 + 3 - solid green 	<p>lan0</p> 	<p>wan0</p> 	<p>lan1</p> 	<p>wan1</p> 

NX-2700 [PN 200697]

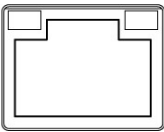
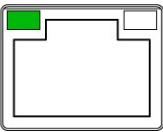
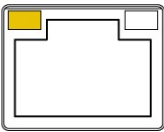
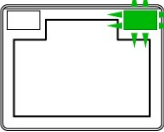
NX-2700	SSD	Power Supplies	Disk Layout
Quantity	2	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

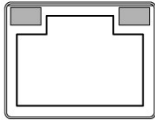
NX-2700 – Front View




NX-2700 – Rear View



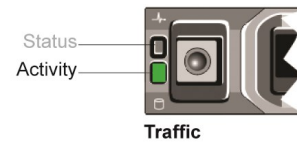
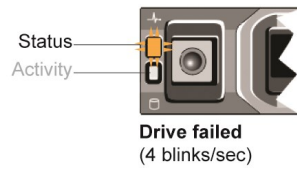
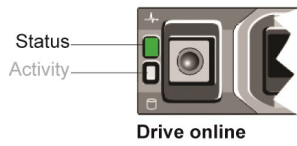
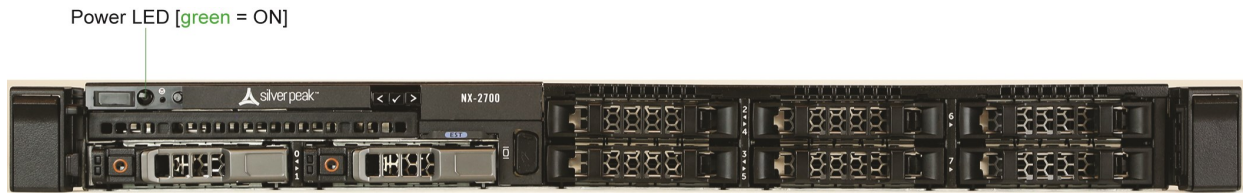
mgmt0 & mgmt1			
Link Activity	Link Activity	Link Activity	Link Activity
			
Not connected	Connected at max speed	Connected at lower speed	Traffic

LED		lan0 / wan0 / lan1 / wan1
<p>Rear LEDs</p> <p>Speed / Bypass / Disconnect Link / Activity</p> 	<p>Speed / Bypass / Disconnect</p>	<p>SPEED</p> <ul style="list-style-type: none"> • Yellow solid = Connection speed is 1000 Mbps • Green solid = Connection speed is 100 Mbps • Not illuminated = Connection speed is 10 Mbps <p>Bypass/Disconnect</p> <ul style="list-style-type: none"> • Green blinking = Bypass • Yellow linking = Disconnect
	<p>Link/ACT</p>	<ul style="list-style-type: none"> • Green solid = Port is active • Green blinking = There is traffic

NX-2700 [PN 201020]

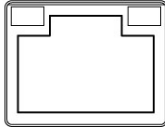
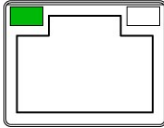
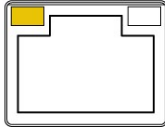
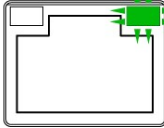
NX-2700	SSD	Power Supplies	Disk Layout
Quantity	2	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

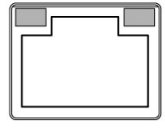
NX-2700 – Front View



NX-2700 – Rear View



mgmt0 & mgmt1			
<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 
Not connected	Connected at max speed	Connected at lower speed	Traffic

LED		lan0 / wan0 / lan1 / wan1
<p>Rear LEDs</p> <p>Speed / Bypass / Disconnect Link / Activity</p> 	<p>Speed / Bypass / Disconnect</p>	<p>SPEED</p> <ul style="list-style-type: none"> • Yellow solid = Connection speed is 1000 Mbps • Green solid = Connection speed is 100 Mbps • Not illuminated = Connection speed is 10 Mbps <p>Bypass/Disconnect</p> <ul style="list-style-type: none"> • Green blinking = Bypass • Yellow linking = Disconnect
	<p>Link/ACT</p>	<ul style="list-style-type: none"> • Green solid = Port is active • Green blinking = There is traffic

NX-3700 [PN 200400]

NX-3700	HDD	Power Supplies
Quantity	2	2
User authorized to replace?	yes	yes
Hot swappable?	yes	yes

NX-3700 Disk Layout




NX-3700 Rear View



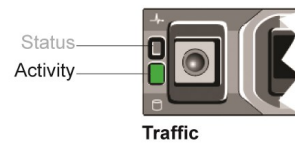
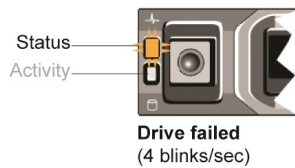
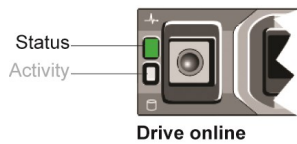
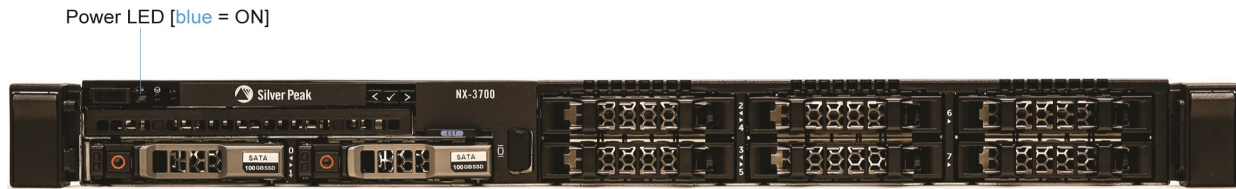
	mgmt0 & mgmt1			
	Not connected	10 Mbps	100 Mbps	1000 Mbps
<p>Speed = solid</p> <p>Link/Activity:</p> <ul style="list-style-type: none"> • solid = link • blinking = traffic 	<p>Link/Activity Speed</p>	<p>Link/Activity Speed</p>	<p>Link/Activity Speed</p>	<p>Link/Activity Speed</p>

	Network interfaces			
<p>Link/Activity:</p> <ul style="list-style-type: none"> • solid green = link good • blinking green = traffic 	<p>lan0</p> <p>Link/Activity</p>	<p>wan0</p> <p>Link/Activity</p>	<p>lan1</p> <p>Link/Activity</p>	<p>wan1</p> <p>Link/Activity</p>
<p>system bypass mode</p> <ul style="list-style-type: none"> • Ports 0 + 2 - solid green • Ports 1 + 3 - OFF 	<p>lan0</p>	<p>wan0</p>	<p>lan1</p>	<p>wan1</p>
<p>slave ports not in system bypass</p> <ul style="list-style-type: none"> • Ports 0 + 2 - OFF • Ports 1 + 3 - solid green 	<p>lan0</p>	<p>wan0</p>	<p>lan1</p>	<p>wan1</p>

NX-3700 [PN 200698]

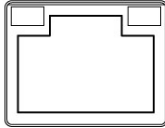
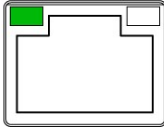
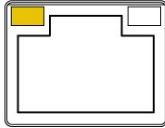
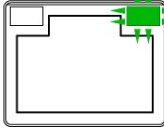
NX-3700	HDD	Power Supplies	Disk Layout
Quantity	2	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

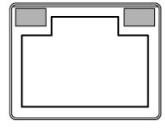
NX-3700 – Front View




NX-3700 – Rear View



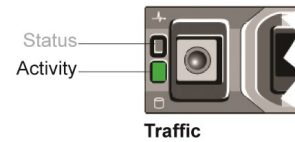
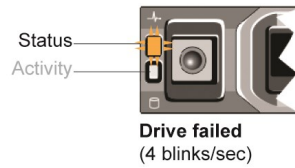
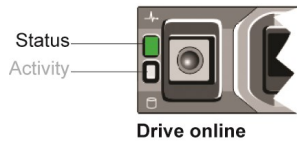
mgmt0 & mgmt1			
<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 
Not connected	Connected at max speed	Connected at lower speed	Traffic

LED	lan0 / wan0 / lan1 / wan1	
<p>Rear LEDs</p> <p>Speed / Bypass / Disconnect Link / Activity</p> 	<p>Speed / Bypass / Disconnect</p>	<p>SPEED</p> <ul style="list-style-type: none"> • Yellow solid = Connection speed is 1000 Mbps • Green solid = Connection speed is 100 Mbps • Not illuminated = Connection speed is 10 Mbps <p>Bypass/Disconnect</p> <ul style="list-style-type: none"> • Green blinking = Bypass • Yellow linking = Disconnect
	<p>Link/ACT</p>	<ul style="list-style-type: none"> • Green solid = Port is active • Green blinking = There is traffic

NX-3700 [PN 201021]

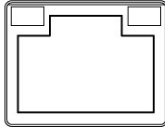
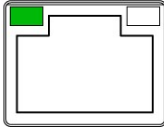
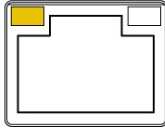
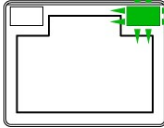
NX-3700	SSD	Power Supplies	Disk Layout
Quantity	2	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

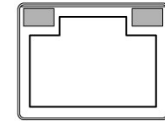
NX-3700 – Front View



NX-3700 – Rear View



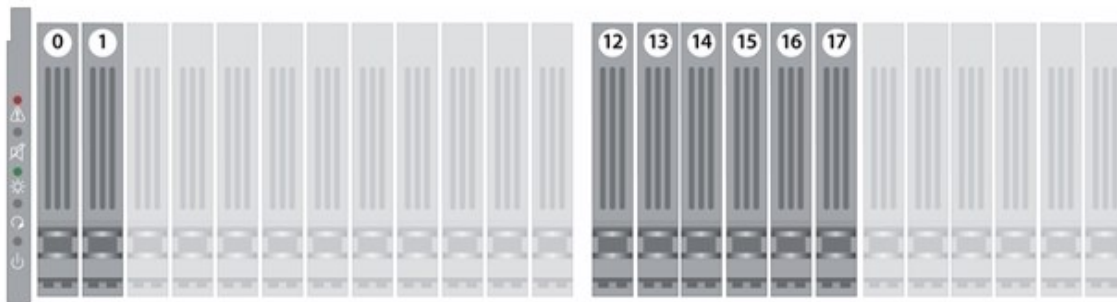
mgmt0 & mgmt1			
<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 
Not connected	Connected at max speed	Connected at lower speed	Traffic

LED		lan0 / wan0 / lan1 / wan1
<p>Rear LEDs</p> <p>Speed / Bypass / Disconnect Link / Activity</p> 	<p>Speed / Bypass / Disconnect</p>	<p>SPEED</p> <ul style="list-style-type: none"> • Yellow solid = Connection speed is 1000 Mbps • Green solid = Connection speed is 100 Mbps • Not illuminated = Connection speed is 10 Mbps <p>Bypass/Disconnect</p> <ul style="list-style-type: none"> • Green blinking = Bypass • Yellow linking = Disconnect
	<p>Link/ACT</p>	<ul style="list-style-type: none"> • Green solid = Port is active • Green blinking = There is traffic

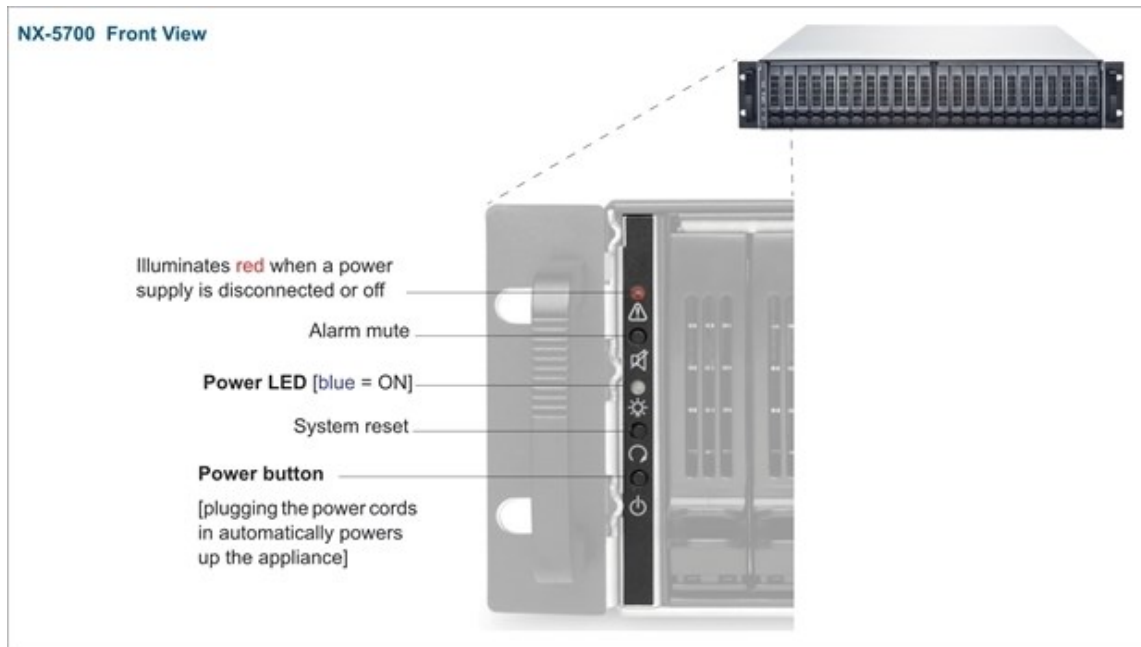
NX-5700 [PN 200399]

NX-5700	HDD	Power Supplies
Quantity	8	2
User authorized to replace?	yes	yes
Hot swappable?	yes	yes

NX-5700 Disk Layout



NX-5700 Front View



NX-5700 Rear View

Each power cord socket has a corresponding green LED to its left. When a socket receives power, its LED illuminates **green**.



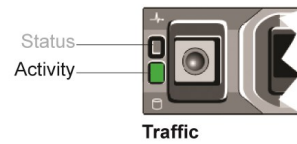
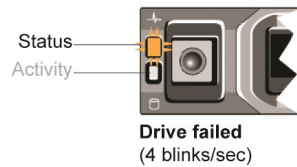
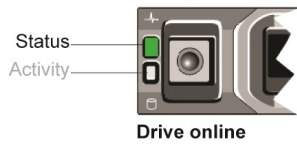
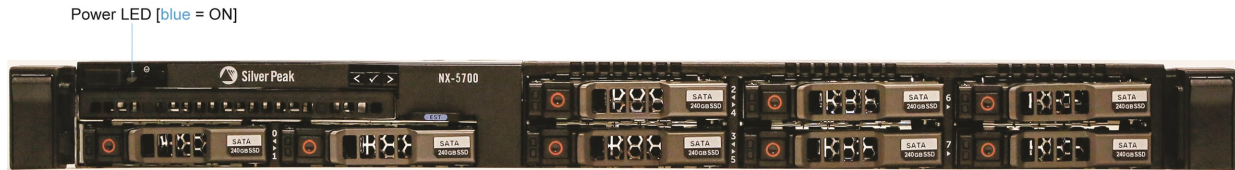
	mgmt0 & mgmt1			
	Not connected	10 Mbps	100 Mbps	1000 Mbps
Speed = solid Link/Activity: <ul style="list-style-type: none"> • solid = link • blinking = traffic 	Link/Activity Speed 	Link/Activity Speed 	Link/Activity Speed 	Link/Activity Speed

	Network interfaces			
Link/Activity: <ul style="list-style-type: none"> • solid green = link good • blinking green = traffic 	lan0 Link/Activity	wan0 Link/Activity	lan1 Link/Activity	wan1 Link/Activity
system bypass mode <ul style="list-style-type: none"> • Ports 0 + 2 - solid green • Ports 1 + 3 - OFF 	lan0 Link/Activity	wan0 Link/Activity	lan1 Link/Activity	wan1 Link/Activity
slave ports not in system bypass <ul style="list-style-type: none"> • Ports 0 + 2 - OFF • Ports 1 + 3 - solid green 	lan0 Link/Activity	wan0 Link/Activity	lan1 Link/Activity	wan1 Link/Activity

NX-5700 [PN 200699]

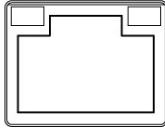
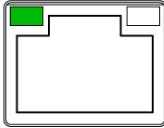
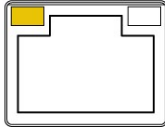
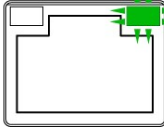
NX-5700	SSD	Power Supplies	Disk Layout
Quantity	8	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

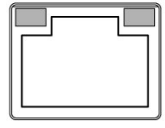
NX-5700 – Front View




NX-5700 – Rear View



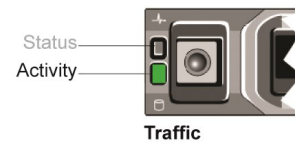
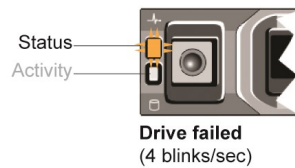
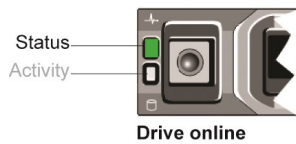
mgmt0 & mgmt1			
<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 
Not connected	Connected at max speed	Connected at lower speed	Traffic

LED		lan0 / wan0 / lan1 / wan1
<p>Rear LEDs</p> <p>Speed / Bypass / Disconnect Link / Activity</p> 	<p>Speed / Bypass / Disconnect</p>	<p>SPEED</p> <ul style="list-style-type: none"> • Yellow solid = Connection speed is 1000 Mbps • Green solid = Connection speed is 100 Mbps • Not illuminated = Connection speed is 10 Mbps <p>Bypass/Disconnect</p> <ul style="list-style-type: none"> • Green blinking = Bypass • Yellow linking = Disconnect
	<p>Link/ACT</p>	<ul style="list-style-type: none"> • Green solid = Port is active • Green blinking = There is traffic

NX-5700 [PN 201022]

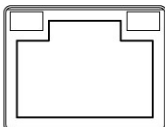
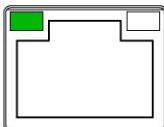
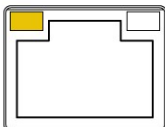
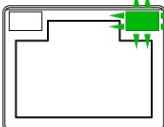
NX-5700	SSD	Power Supplies	Disk Layout
Quantity	4	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

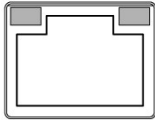
NX-5700 – Front View




NX-5700 – Rear View



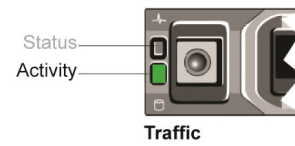
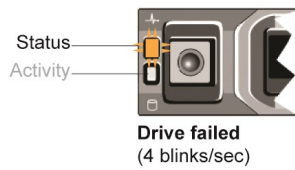
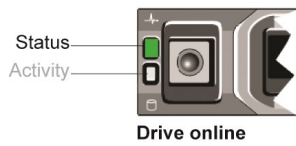
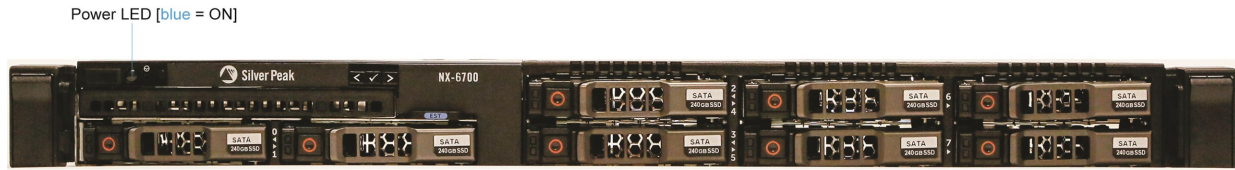
mgmt0 & mgmt1			
Link Activity	Link Activity	Link Activity	Link Activity
			
Not connected	Connected at max speed	Connected at lower speed	Traffic

LED		lan0 / wan0 / lan1 / wan1
<p>Rear LEDs</p> <p>Speed / Bypass / Disconnect Link / Activity</p> 	<p>Speed / Bypass / Disconnect</p>	<p>SPEED</p> <ul style="list-style-type: none"> • Yellow solid = Connection speed is 1000 Mbps • Green solid = Connection speed is 100 Mbps • Not illuminated = Connection speed is 10 Mbps <p>Bypass/Disconnect</p> <ul style="list-style-type: none"> • Green blinking = Bypass • Yellow linking = Disconnect
	<p>Link/ACT</p>	<ul style="list-style-type: none"> • Green solid = Port is active • Green blinking = There is traffic

NX-6700 [PN 200828]

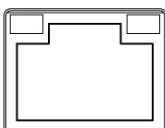
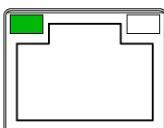
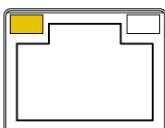
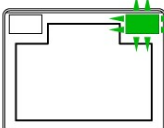
NX-6700	SSD	Power Supplies	Disk Layout
Quantity	8	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

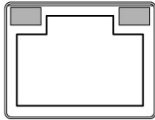
NX-6700 – Front View




NX-6700 – Rear View



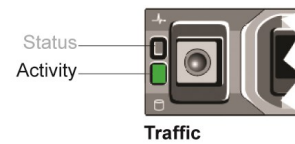
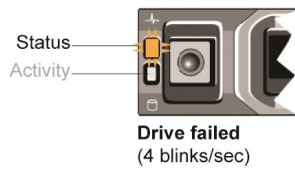
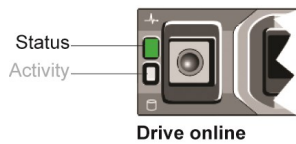
mgmt0 & mgmt1			
Link	Activity	Link	Activity
			
Not connected	Connected at max speed	Connected at lower speed	Traffic

LED		lan0 / wan0 / lan1 / wan1
<p>Rear LEDs</p> <p>Speed / Bypass / Disconnect Link / Activity</p> 	<p>Speed / Bypass / Disconnect</p>	<p>SPEED</p> <ul style="list-style-type: none"> • Yellow solid = Connection speed is 1000 Mbps • Green solid = Connection speed is 100 Mbps • Not illuminated = Connection speed is 10 Mbps <p>Bypass/Disconnect</p> <ul style="list-style-type: none"> • Green blinking = Bypass • Yellow linking = Disconnect
	<p>Link/ACT</p>	<ul style="list-style-type: none"> • Green solid = Port is active • Green blinking = There is traffic

NX-6700 [PN 201023]

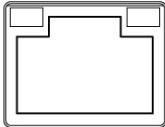
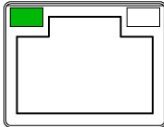
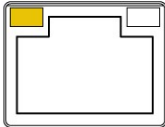
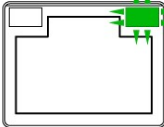
NX-6700	SSD	Power Supplies	Disk Layout
Quantity	4	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

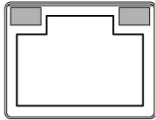
NX-6700 – Front View



NX-6700 – Rear View



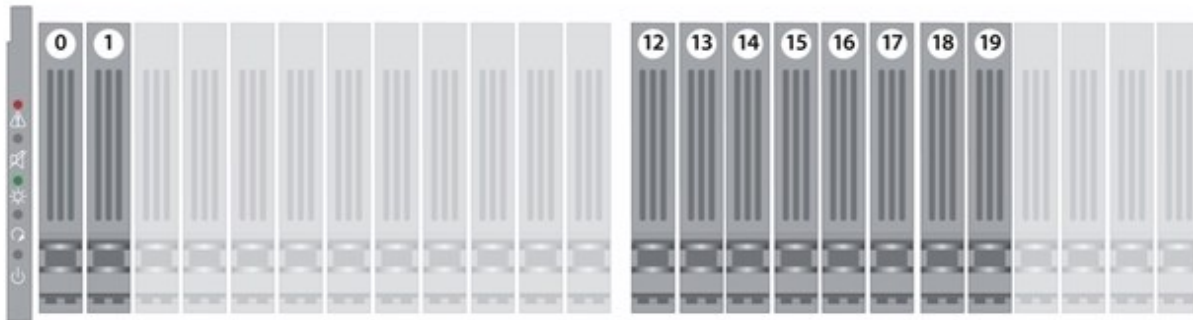
mgmt0 & mgmt1			
Link Activity	Link Activity	Link Activity	Link Activity
			
Not connected	Connected at max speed	Connected at lower speed	Traffic

LED		lan0 / wan0 / lan1 / wan1
<p>Rear LEDs</p> <p>Speed / Bypass / Disconnect</p> <p>Link / Activity</p> 	<p>Speed / Bypass / Disconnect</p>	<p>SPEED</p> <ul style="list-style-type: none"> • Yellow solid = Connection speed is 1000 Mbps • Green solid = Connection speed is 100 Mbps • Not illuminated = Connection speed is 10 Mbps <p>Bypass/Disconnect</p> <ul style="list-style-type: none"> • Green blinking = Bypass • Yellow linking = Disconnect
	<p>Link/ACT</p>	<ul style="list-style-type: none"> • Green solid = Port is active • Green blinking = There is traffic

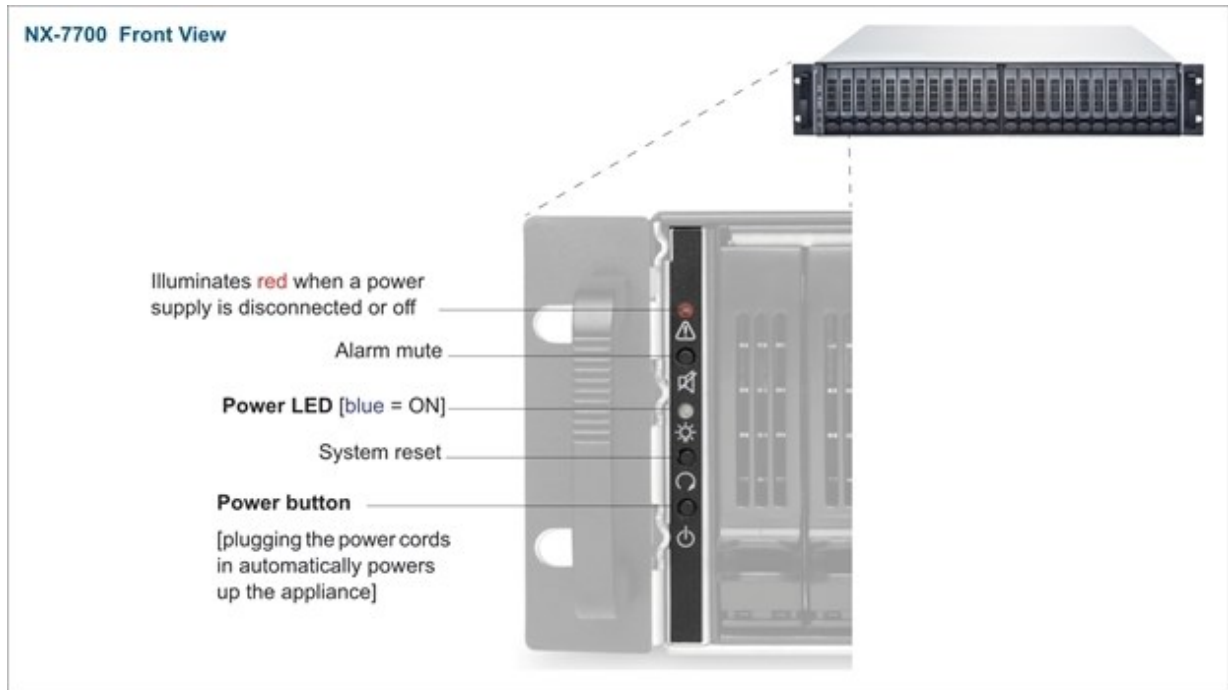
NX-7700 [PN 200398]

NX-5700	HDD	Power Supplies
Quantity	10	2
User authorized to replace?	yes	yes
Hot swappable?	yes	yes

NX-7700 Disk Layout



NX-7700 Front View



NX-7700 Rear View

Each power cord socket has a corresponding green LED to its left. When a socket receives power, its LED illuminates **green**.



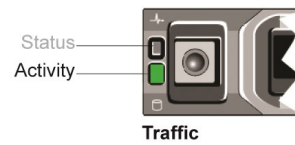
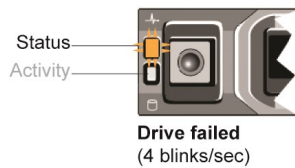
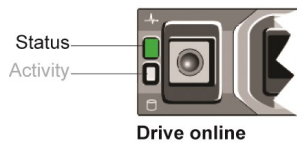
	mgmt0 & mgmt1			
	Not connected	10 Mbps	100 Mbps	1000 Mbps
Speed = solid				
Link/Activity:				
<ul style="list-style-type: none"> • solid = link • blinking = traffic 				

	Network interfaces			
Link/Activity: <ul style="list-style-type: none"> • solid green = link good • blinking green = traffic 	lan0 Link/Activity	wan0 Link/Activity	lan1 Link/Activity	wan1 Link/Activity
system bypass mode <ul style="list-style-type: none"> • Ports 0 + 2 - solid green • Ports 1 + 3 - OFF 	lan0 Link/Activity	wan0 Link/Activity	lan1 Link/Activity	wan1 Link/Activity
slave ports not in system bypass <ul style="list-style-type: none"> • Ports 0 + 2 - OFF • Ports 1 + 3 - solid green 	lan0 Link/Activity	wan0 Link/Activity	lan1 Link/Activity	wan1 Link/Activity

NX-7700 [PN 200702]

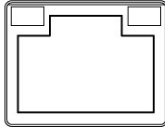
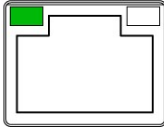
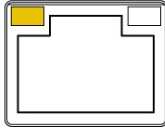
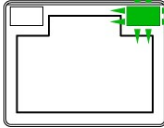
NX-7700	SSD	Power Supplies	Disk Layout
Quantity	8	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

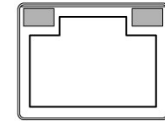
NX-7700 – Front View



NX-7700 – Rear View



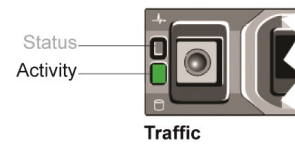
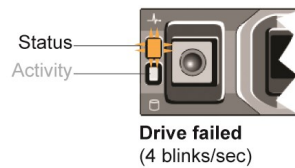
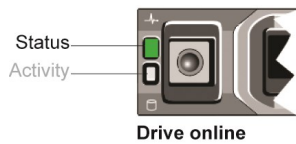
mgmt0 & mgmt1			
<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 
Not connected	Connected at max speed	Connected at lower speed	Traffic

LED	lan0 / wan0 / lan1 / wan1	
<p>Rear LEDs</p> <p>Speed / Bypass / Disconnect Link / Activity</p> 	<p>Speed / Bypass / Disconnect</p>	<p>SPEED</p> <ul style="list-style-type: none"> • Yellow solid = Connection speed is 1000 Mbps • Green solid = Connection speed is 100 Mbps • Not illuminated = Connection speed is 10 Mbps <p>Bypass/Disconnect</p> <ul style="list-style-type: none"> • Green blinking = Bypass • Yellow linking = Disconnect
	<p>Link/ACT</p>	<ul style="list-style-type: none"> • Green solid = Port is active • Green blinking = There is traffic

NX-7700 [PN 201024]

NX-7700	SSD	Power Supplies	Disk Layout
Quantity	4	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

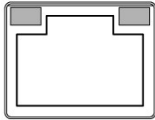
NX-7700 – Front View



NX-7700 – Rear View

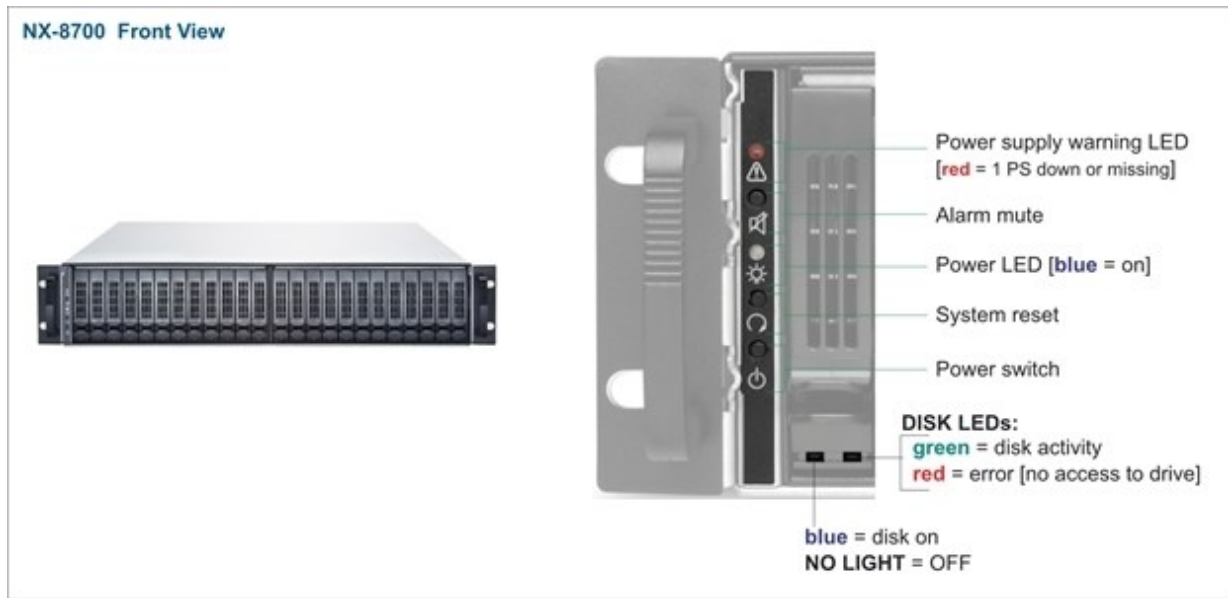


mgmt0 & mgmt1			
Link	Activity	Link	Activity
Not connected	Connected at max speed	Connected at lower speed	Traffic

LED		lan0 / wan0 / lan1 / wan1
<p>Rear LEDs</p> <p>Speed / Bypass / Disconnect</p> <p>Link / Activity</p> 	<p>Speed / Bypass / Disconnect</p>	<p>SPEED</p> <ul style="list-style-type: none"> • Yellow solid = Connection speed is 1000 Mbps • Green solid = Connection speed is 100 Mbps • Not illuminated = Connection speed is 10 Mbps <p>Bypass/Disconnect</p> <ul style="list-style-type: none"> • Green blinking = Bypass • Yellow linking = Disconnect
	<p>Link/ACT</p>	<ul style="list-style-type: none"> • Green solid = Port is active • Green blinking = There is traffic

NX-8700 [PN 200397]

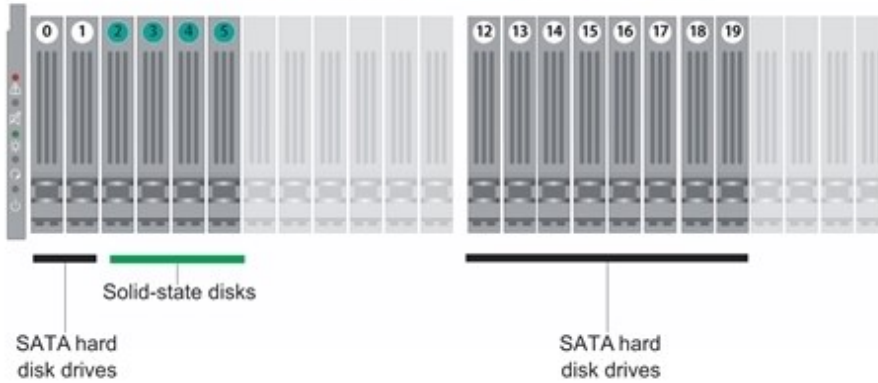
NX-8700	Drives	Power Supplies
Quantity	14	2
User authorized to replace?	yes	yes
Hot swappable?	yes	yes



The two NX-8700s differ only in the placement of the solid state drives.

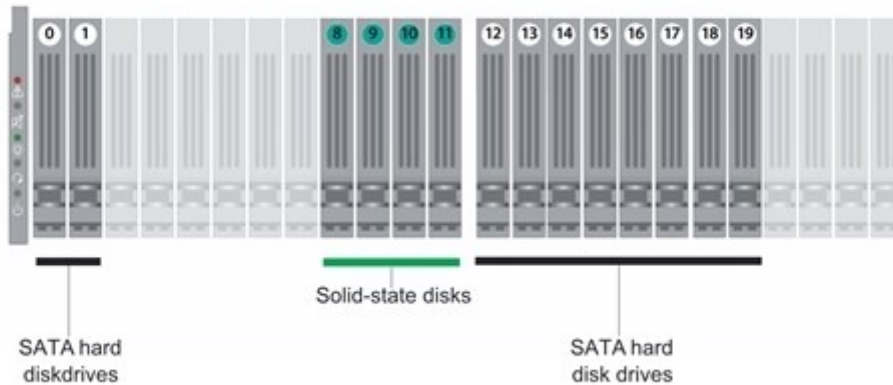
NX-8700 Disk Layout

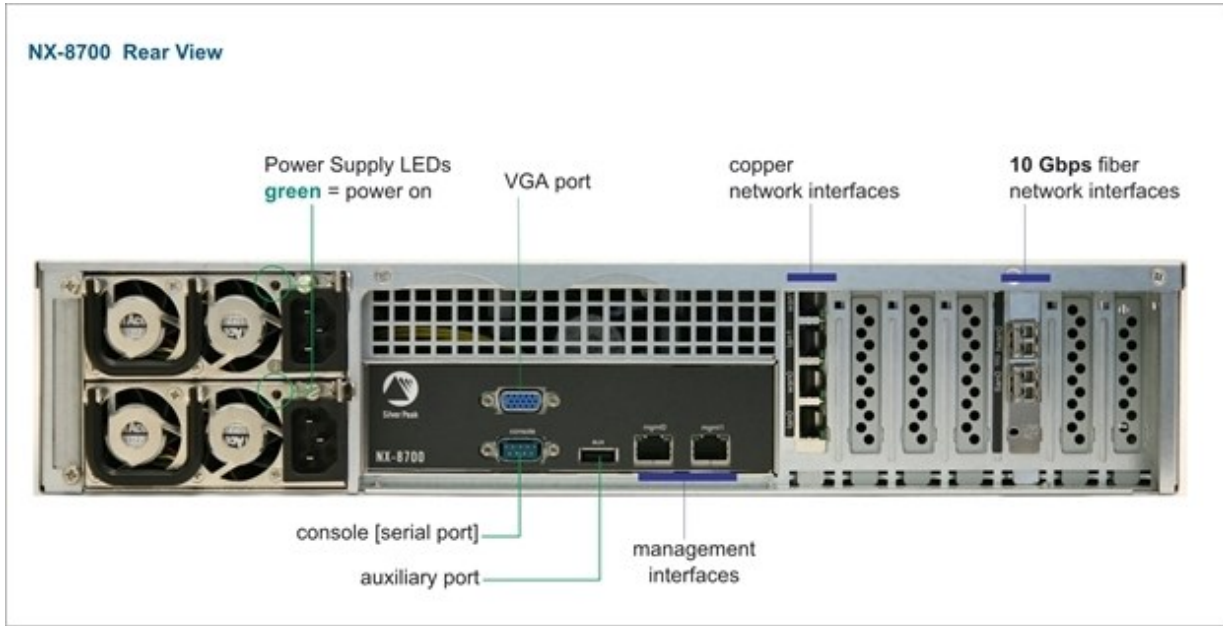
Note that the NX-9700 and NX-8700 appliances contain a mix of SATA hard disk drives and SSDs (solid-state drives).



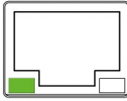







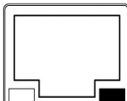



NX-8700v Disk Layout

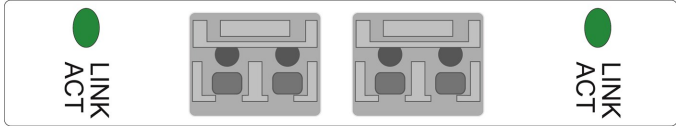
Note that the NX-9700 and NX-8700 appliances contain a mix of SATA hard disk drives and SSDs (solid-state drives).





	mgmt0 & mgmt1			
	Not connected	10 Mbps	100 Mbps	1000 Mbps
Speed = solid Link/Activity: <ul style="list-style-type: none"> • solid = link • blinking = traffic 	Link/Activity Speed 	Link/Activity Speed 	Link/Activity Speed 	Link/Activity Speed

Network interfaces	
<p>Link/Activity:</p> <ul style="list-style-type: none"> • solid green = link good • blinking green = traffic 	<div style="display: flex; justify-content: space-around; text-align: center;"> <div> <p>lan0</p>  <p>Link/Activity</p> </div> <div> <p>wan0</p>  <p>Link/Activity</p> </div> <div> <p>lan1</p>  <p>Link/Activity</p> </div> <div> <p>wan1</p>  <p>Link/Activity</p> </div> </div>
<p>system bypass mode</p> <ul style="list-style-type: none"> • Ports 0 + 2 - solid green • Ports 1 + 3 - OFF 	<div style="display: flex; justify-content: space-around; text-align: center;"> <div> <p>lan0</p>  </div> <div> <p>wan0</p>  </div> <div> <p>lan1</p>  </div> <div> <p>wan1</p>  </div> </div>
<p>slave ports not in system bypass</p> <ul style="list-style-type: none"> • Ports 0 + 2 - OFF • Ports 1 + 3 - solid green 	<div style="display: flex; justify-content: space-around; text-align: center;"> <div> <p>lan0</p>  </div> <div> <p>wan0</p>  </div> <div> <p>lan1</p>  </div> <div> <p>wan1</p>  </div> </div>

tlan0 / twan0 — 10 Gbps fiber interfaces	
<p>All LEDs are green</p> <p>Link = solid Activity = blinking</p>	<div style="text-align: center;"> <p>tlan0 10G twan0</p>  </div>

You have the option to separately order **LR** (Long Reach) 10 Gbps fiber transceivers to replace the default **SR** (Short Reach) transceivers in this appliance.

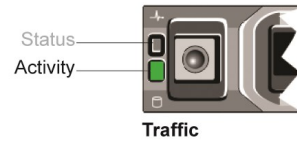
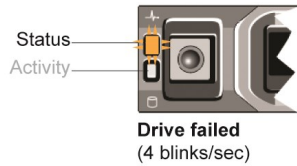
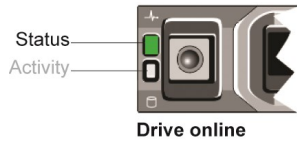
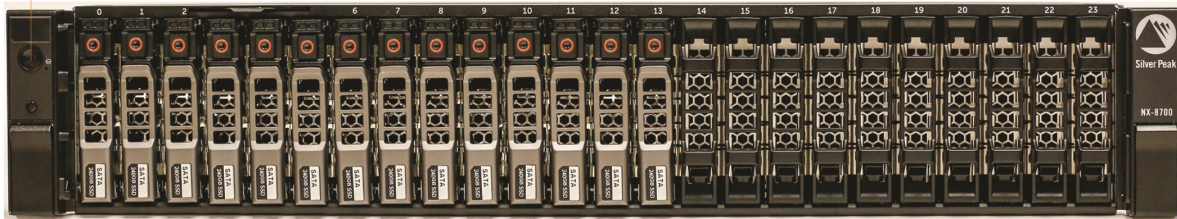
- These transceivers are hot-swappable.
- You can distinguish the **SR** transceiver from the **LR** transceiver by the number on the label and the color of the handle. For details, see [Installing a Fiber Interface Transceiver](#).

NX-8700 [PN 200767]

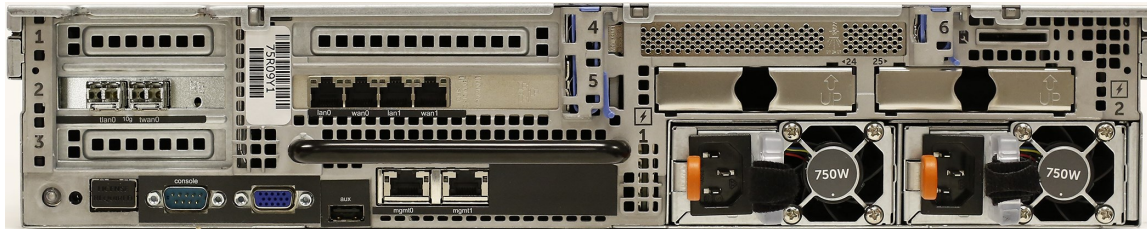
NX-8700	SSD	Power Supplies	Disk Layout
Quantity	14	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

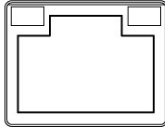
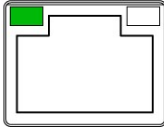
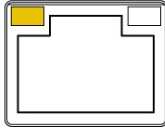
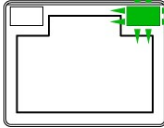
NX-8700 – Front View

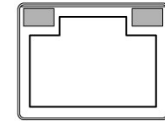
Power LED [blue = ON]

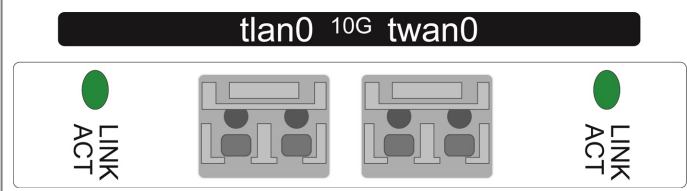


NX-8700 – Rear View



mgmt0 & mgmt1			
<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 
Not connected	Connected at max speed	Connected at lower speed	Traffic


LED	lan0 / wan0 / lan1 / wan1	
<p>Rear LEDs</p> <p>Speed / Bypass / Disconnect Link / Activity</p> 	<p>Speed / Bypass / Disconnect</p> <ul style="list-style-type: none"> • Yellow solid = Connection speed is 1000 Mbps • Green solid = Connection speed is 100 Mbps • Not illuminated = Connection speed is 10 Mbps <p>Bypass/Disconnect</p> <ul style="list-style-type: none"> • Green blinking = Bypass • Yellow linking = Disconnect 	<p>SPEED</p> <ul style="list-style-type: none"> • Yellow solid = Connection speed is 1000 Mbps • Green solid = Connection speed is 100 Mbps • Not illuminated = Connection speed is 10 Mbps <p>Bypass/Disconnect</p> <ul style="list-style-type: none"> • Green blinking = Bypass • Yellow linking = Disconnect
	<p>Link/ACT</p> <ul style="list-style-type: none"> • Green solid = Port is active • Green blinking = There is traffic 	

tlan0 / twan0 — 10 Gbps fiber interfaces	
<p>All LEDs are green</p> <p>Link = solid</p> <p>Activity = blinking</p>	

You have the option to separately order **LR** (Long Reach) 10 Gbps fiber transceivers to replace the default **SR** (Short Reach) transceivers in this appliance.

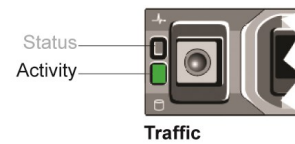
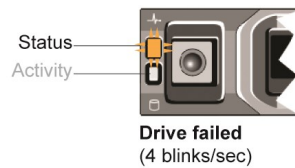
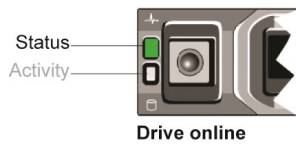
- These transceivers are hot-swappable.
- You can distinguish the **SR** transceiver from the **LR** transceiver by the number on the label and the color of the handle. For details, see [Installing a Fiber Interface Transceiver](#).

NX-8700 [PN 200879]

NX-8700	SSD	Power Supplies	Disk Layout
Quantity	8	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

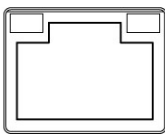
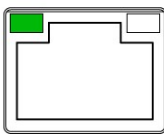
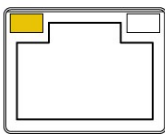
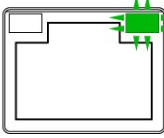
NX-8700 – Front View

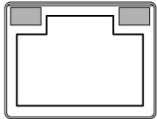
Power LED [green = ON]

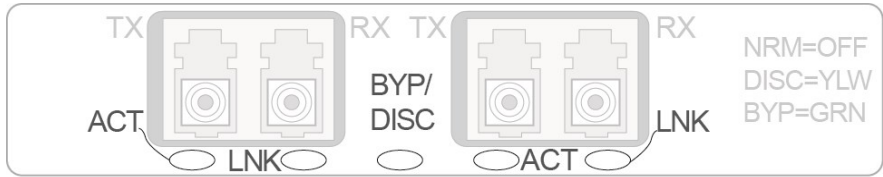


NX-8700 – Rear View




mgmt0 & mgmt1			
Link	Activity	Link	Activity
			
Not connected	Connected at max speed	Connected at lower speed	Traffic

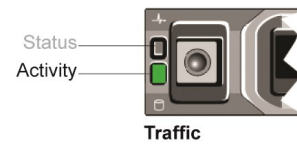
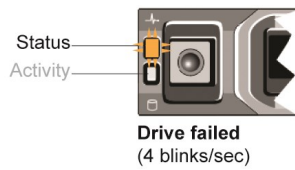
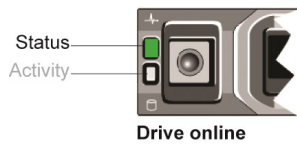
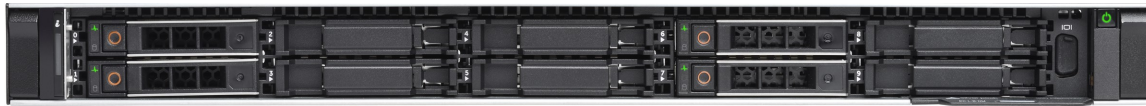
LED		lan0 / wan0 / lan1 / wan1
Rear LEDs Speed / Bypass / Disconnect Link / Activity 	Speed / Bypass / Disconnect	SPEED <ul style="list-style-type: none"> • Yellow solid = Connection speed is 1000 Mbps • Green solid = Connection speed is 100 Mbps • Not illuminated = Connection speed is 10 Mbps Bypass/Disconnect <ul style="list-style-type: none"> • Green blinking = Bypass • Yellow linking = Disconnect
	Link/ACT	<ul style="list-style-type: none"> • Green solid = Port is active • Green blinking = There is traffic

1/10 Gbps fiber interfaces for tlan / twan — SR (Short Reach) modules			
			
Indicator		10G	1G
LNK	Link	blue solid	green solid
ACT	Activity	green blinking	
BYPASS	Bypass	green solid	
DISC	Disconnect	yellow solid	
NRM	Normal	off — In NRM mode, the ports are independent interfaces	

NX-8700 [PN 201266]

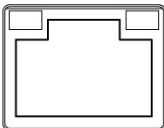
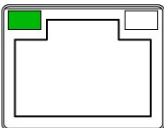
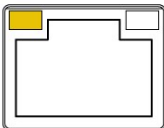
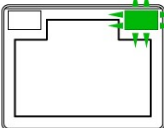
NX-8700	SSD	Power Supplies	Disk Layout
Quantity	2 SSD + 2 NVMe	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

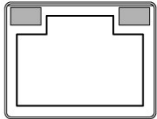
NX-8700 – Front View

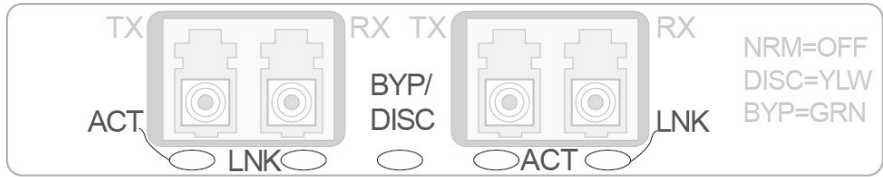


NX-8700 – Rear View



mgmt0 & mgmt1			
Link Activity	Link Activity	Link Activity	Link Activity
			
Not connected	Connected at max speed	Connected at lower speed	Traffic

LED		lan0 / wan0 / lan1 / wan1
Rear LEDs Speed / Bypass / Disconnect Link / Activity 	Speed / Bypass / Disconnect	SPEED <ul style="list-style-type: none"> • Yellow solid = Connection speed is 1000 Mbps • Green solid = Connection speed is 100 Mbps • Not illuminated = Connection speed is 10 Mbps Bypass/Disconnect <ul style="list-style-type: none"> • Green blinking = Bypass • Yellow linking = Disconnect
	Link/ACT	<ul style="list-style-type: none"> • Green solid = Port is active • Green blinking = There is traffic

1/10 Gbps fiber interfaces for tlan / twan — SR (Short Reach) modules			
			
Indicator		10G	1G
LNK	Link	blue solid	green solid
ACT	Activity	green blinking	
BYPASS	Bypass	green solid	
DISC	Disconnect	yellow solid	
NRM	Normal	off — In NRM mode, the ports are independent interfaces	

NX-9700 [PN 200396]

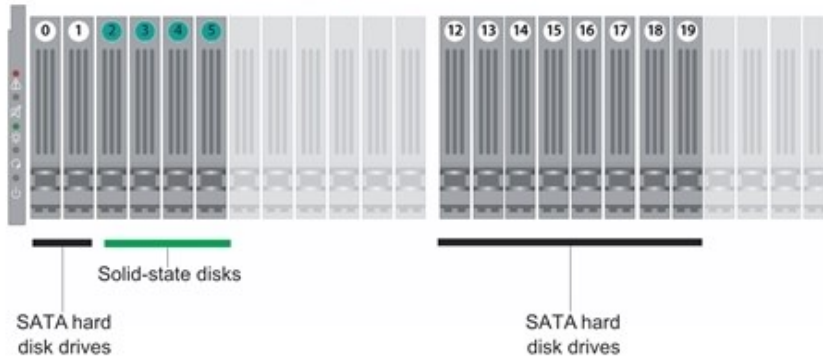
NX-9700	Drives	Power Supplies
Quantity	14	2
User authorized to replace?	yes	yes
Hot swappable?	yes	yes



The two NX-9700s differ only in the placement of the solid state drives.

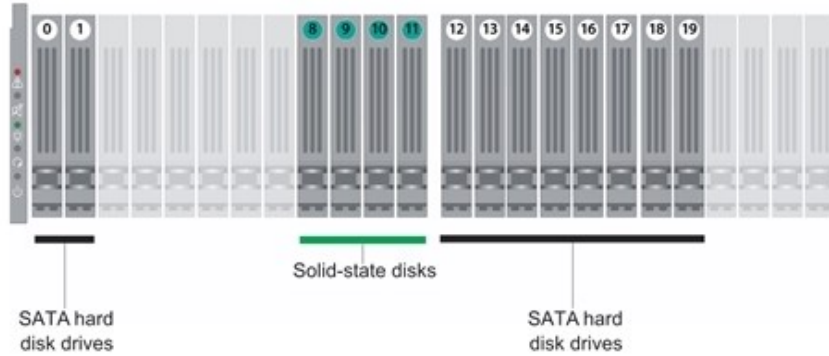
NX-9700 Disk Layout

Note that the NX-9700 appliance contains a mix of SATA hard disk drives and SSDs (solid-state drives).

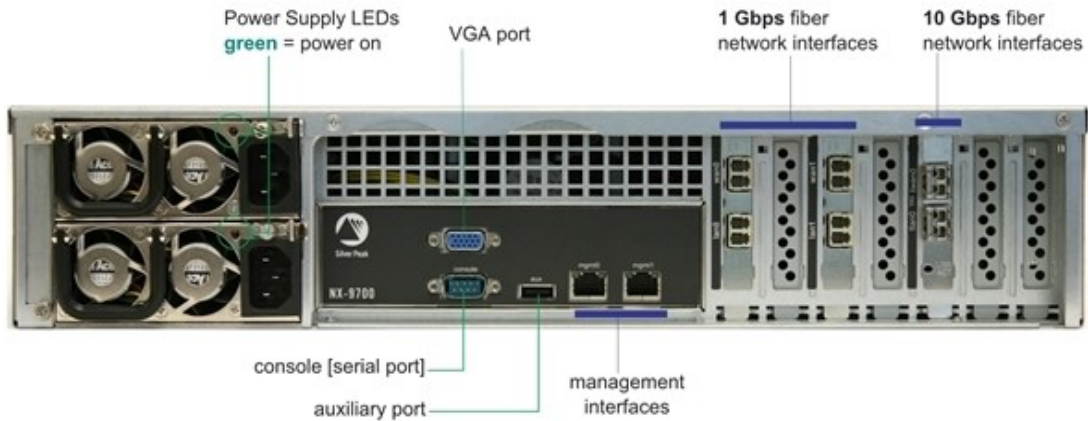


NX-9700v Disk Layout

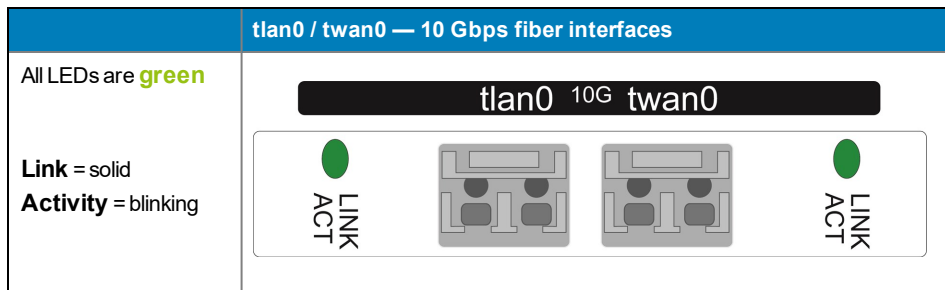
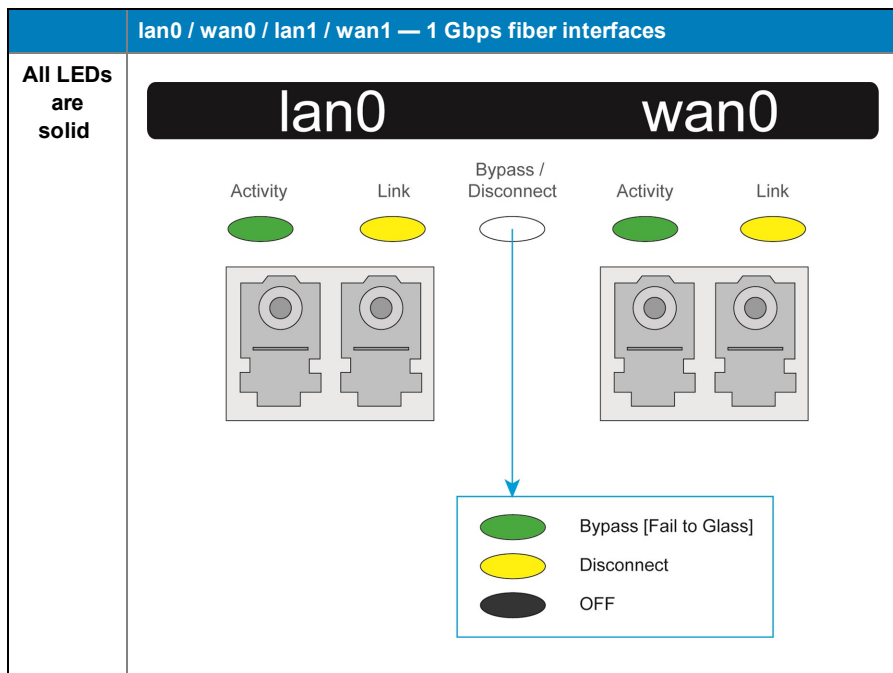
Note that the NX-9700 and NX-8700 appliances contain a mix of SATA hard disk drives and SSDs (solid-state drives).



NX-9700 Rear View



	mgmt0 & mgmt1			
	Not connected	10 Mbps	100 Mbps	1000 Mbps
Speed = solid Link/Activity: <ul style="list-style-type: none"> • solid = link • blinking = traffic 	Link/Activity Speed 	Link/Activity Speed 	Link/Activity Speed 	Link/Activity Speed



You have the option to separately order **LR** (Long Reach) 10 Gbps fiber transceivers to replace the default **SR** (Short Reach) transceivers in this appliance.

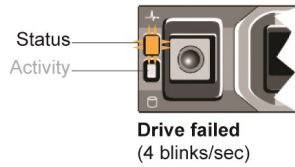
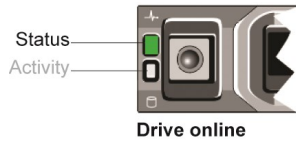
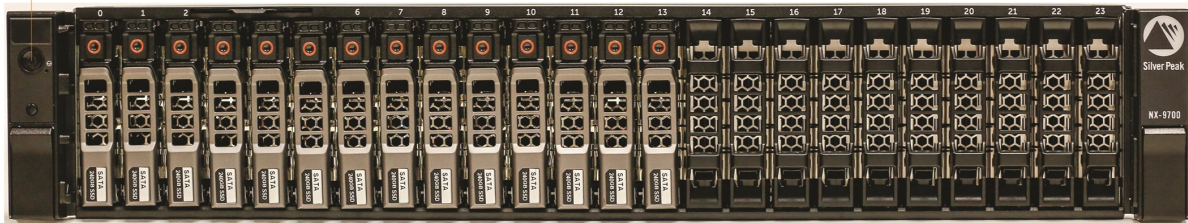
- These transceivers are hot-swappable.
- You can distinguish the **SR** transceiver from the **LR** transceiver by the number on the label and the color of the handle. For details, see [Installing a Fiber Interface Transceiver](#).

NX-9700 [PN 200768]

NX-9700	HDD	Power Supplies	Disk Layout
Quantity	14	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

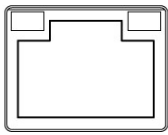
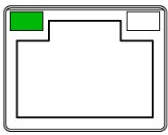
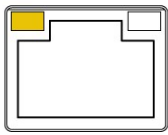
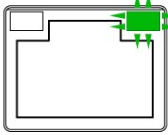
NX-9700 – Front View

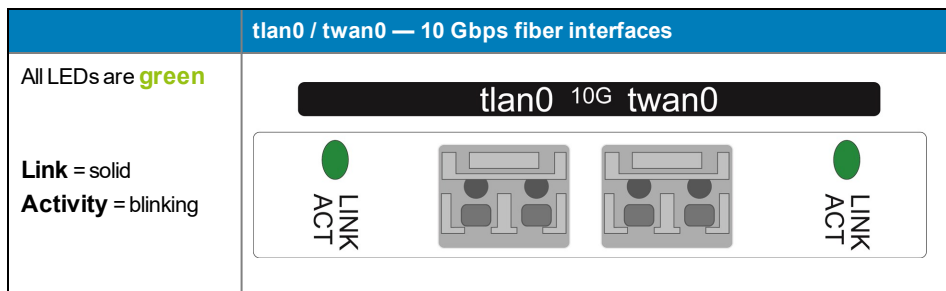
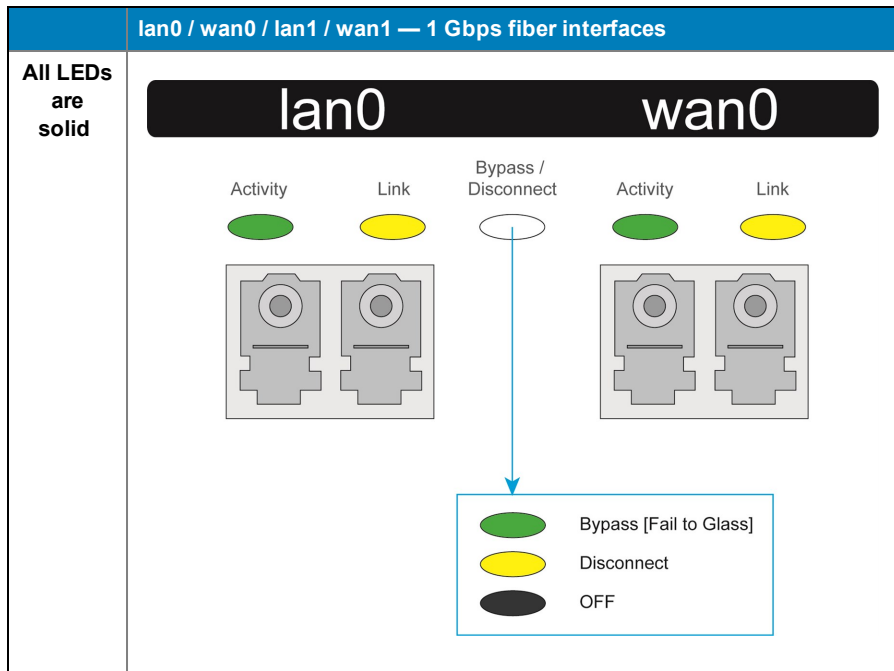
Power LED [blue = ON]



NX-9700 – Rear View




mgmt0 & mgmt1			
<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 
Not connected	Connected at max speed	Connected at lower speed	Traffic



You have the option to separately order **LR** (Long Reach) 10 Gbps fiber transceivers to replace the default **SR** (Short Reach) transceivers in this appliance.

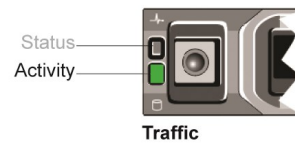
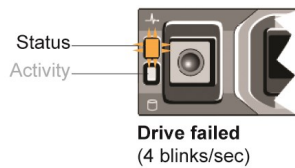
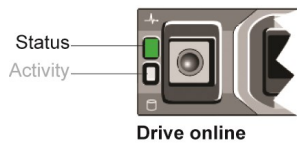
- These transceivers are hot-swappable.
- You can distinguish the **SR** transceiver from the **LR** transceiver by the number on the label and the color of the handle. For details, see [Installing a Fiber Interface Transceiver](#).

NX-9700 [PN 200880]

NX-9700	SSD	Power Supplies	Disk Layout
Quantity	8	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

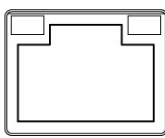
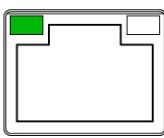
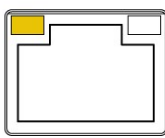
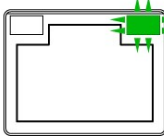
NX-9700 – Front View

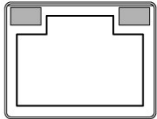
Power LED [green = ON]

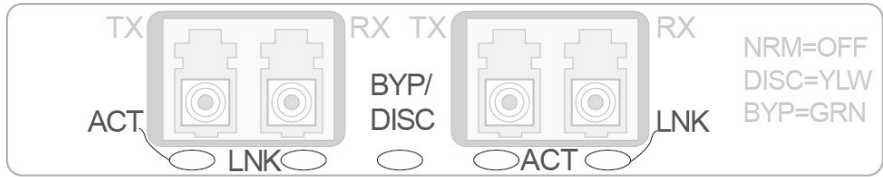


NX-9700 – Rear View




mgmt0 & mgmt1			
Link	Activity	Link	Activity
			
Not connected	Connected at max speed	Connected at lower speed	Traffic

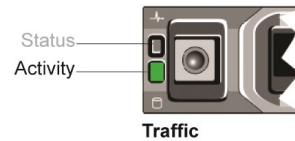
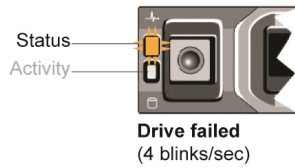
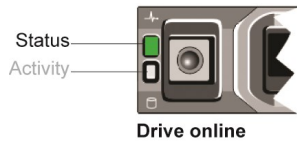
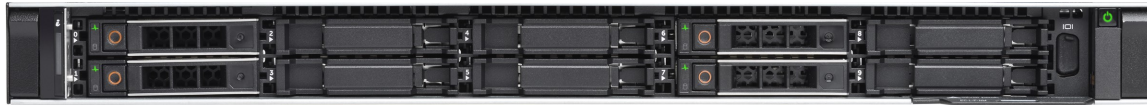
LED		lan0 / wan0 / lan1 / wan1
Rear LEDs Speed / Bypass / Disconnect Link / Activity 	Speed / Bypass / Disconnect	SPEED <ul style="list-style-type: none"> • Yellow solid = Connection speed is 1000 Mbps • Green solid = Connection speed is 100 Mbps • Not illuminated = Connection speed is 10 Mbps Bypass/Disconnect <ul style="list-style-type: none"> • Green blinking = Bypass • Yellow linking = Disconnect
	Link/ACT	<ul style="list-style-type: none"> • Green solid = Port is active • Green blinking = There is traffic

1/10 Gbps fiber interfaces for tlan / twan — SR (Short Reach) modules			
			
Indicator		10G	1G
LNK	Link	blue solid	green solid
ACT	Activity	green blinking	
BYPASS	Bypass	green solid	
DISC	Disconnect	yellow solid	
NRM	Normal	off — In NRM mode, the ports are independent interfaces	

NX-9700 [PN 201267]

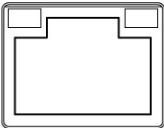
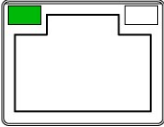
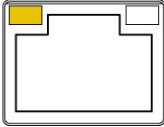
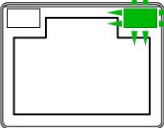
NX-9700	SSD	Power Supplies	Disk Layout
Quantity	2 SSD +2 NVMe	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

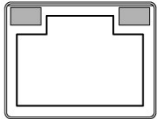
NX-9700 – Front View

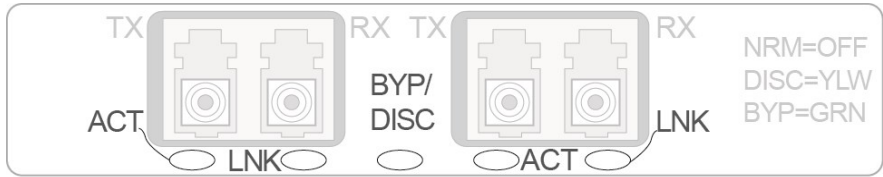


NX-9700 – Rear View



mgmt0 & mgmt1			
Link Activity	Link Activity	Link Activity	Link Activity
			
Not connected	Connected at max speed	Connected at lower speed	Traffic

LED		lan0 / wan0 / lan1 / wan1
Rear LEDs Speed / Bypass / Disconnect Link / Activity 	Speed / Bypass / Disconnect	SPEED <ul style="list-style-type: none"> • Yellow solid = Connection speed is 1000 Mbps • Green solid = Connection speed is 100 Mbps • Not illuminated = Connection speed is 10 Mbps Bypass/Disconnect <ul style="list-style-type: none"> • Green blinking = Bypass • Yellow linking = Disconnect
	Link/ACT	<ul style="list-style-type: none"> • Green solid = Port is active • Green blinking = There is traffic

1/10 Gbps fiber interfaces for tlan / twan — SR (Short Reach) modules			
			
Indicator		10G	1G
LNK	Link	blue solid	green solid
ACT	Activity	green blinking	
BYPASS	Bypass	green solid	
DISC	Disconnect	yellow solid	
NRM	Normal	off — In NRM mode, the ports are independent interfaces	

NX-10700 [PN 200519]

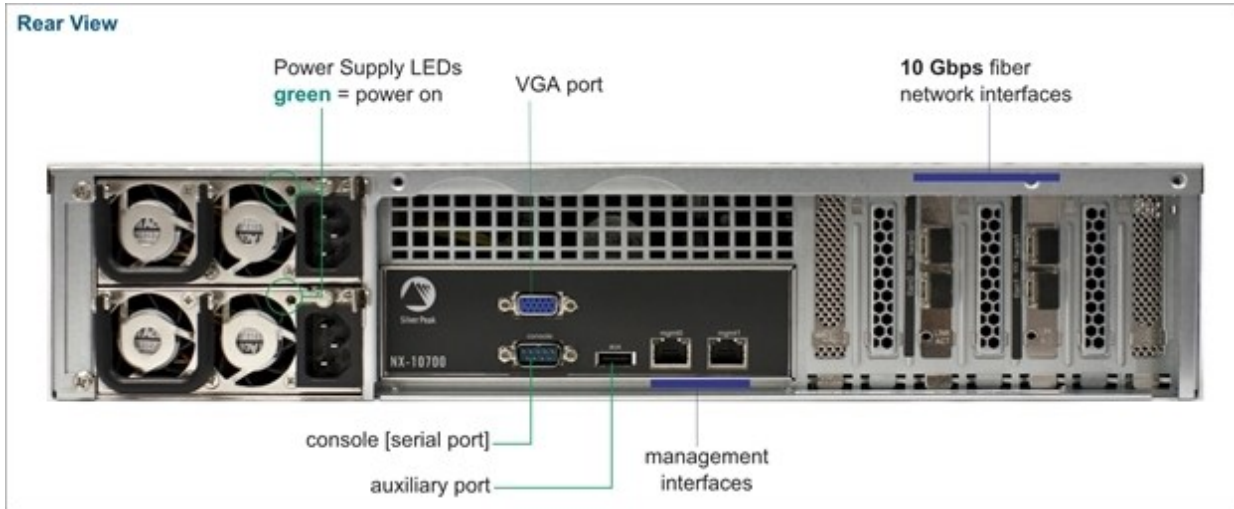
NX-10700	Drives	Power Supplies
Quantity	18	2
User authorized to replace?	yes	yes
Hot swappable	yes	yes



Disk Layout

Note that the NX-10700 appliance contains a mix of SATA hard disk drives and SSDs (solid-state drives).





	mgmt0 & mgmt1			
	Not connected	10 Mbps	100 Mbps	1000 Mbps
Speed = solid Link/Activity: <ul style="list-style-type: none"> • solid = link • blinking = traffic 	Link/Activity Speed 	Link/Activity Speed 	Link/Activity Speed 	Link/Activity Speed

	tlan0 / twan0 — 10 Gbps fiber interfaces
All LEDs are green Link = solid Activity = blinking	

You have the option to separately order **LR** (Long Reach) 10 Gbps fiber transceivers to replace the default **SR** (Short Reach) transceivers in this appliance.

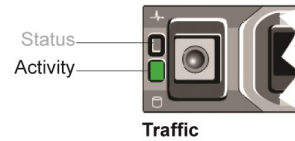
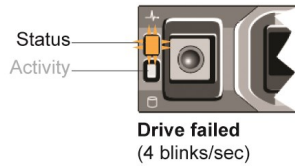
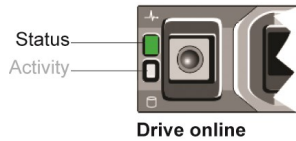
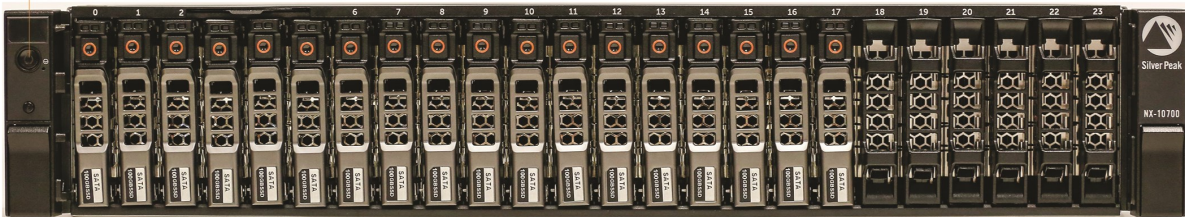
- These transceivers are hot-swappable.
- You can distinguish the **SR** transceiver from the **LR** transceiver by the number on the label and the color of the handle. For details, see [Installing a Fiber Interface Transceiver](#).

NX-10700 [PN 200769]

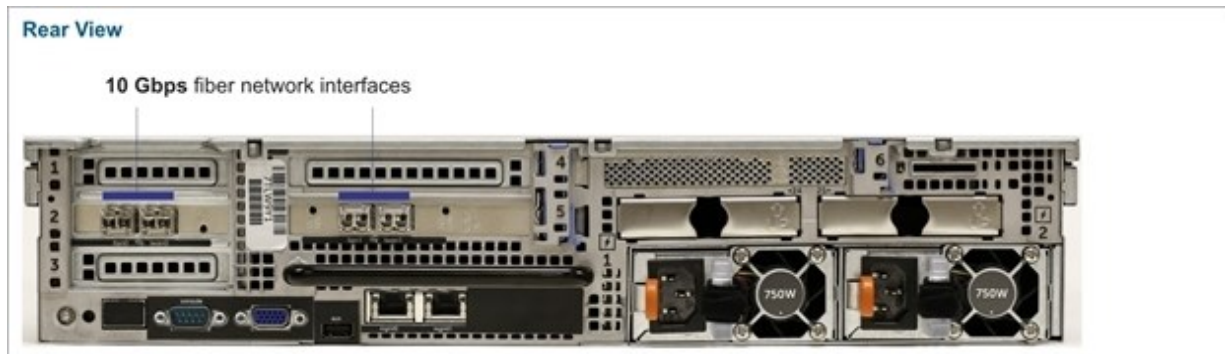
NX-10700	SSD	Power Supplies	Disk Layout
Quantity	18	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

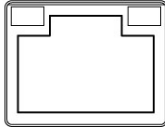
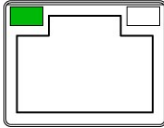
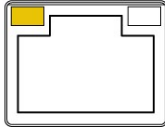
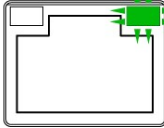
NX-10700 – Front View

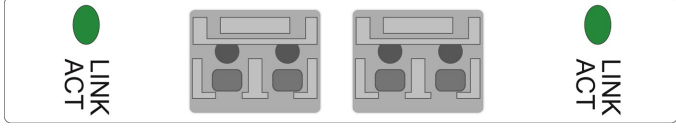
Power LED [blue = ON]



NX-10700 – Rear View




mgmt0 & mgmt1			
<div style="display: flex; justify-content: space-around;"> Link Activity </div> 	<div style="display: flex; justify-content: space-around;"> Link Activity </div> 	<div style="display: flex; justify-content: space-around;"> Link Activity </div> 	<div style="display: flex; justify-content: space-around;"> Link Activity </div> 
Not connected	Connected at max speed	Connected at lower speed	Traffic

tlan0 / twan0 — 10 Gbps fiber interfaces	
<p>All LEDs are green</p> <p>Link = solid Activity = blinking</p>	<div style="background-color: black; color: white; padding: 5px; margin-bottom: 10px;"> tlan0 10G twan0 </div> 

You have the option to separately order **LR** (Long Reach) 10 Gbps fiber transceivers to replace the default **SR** (Short Reach) transceivers in this appliance.

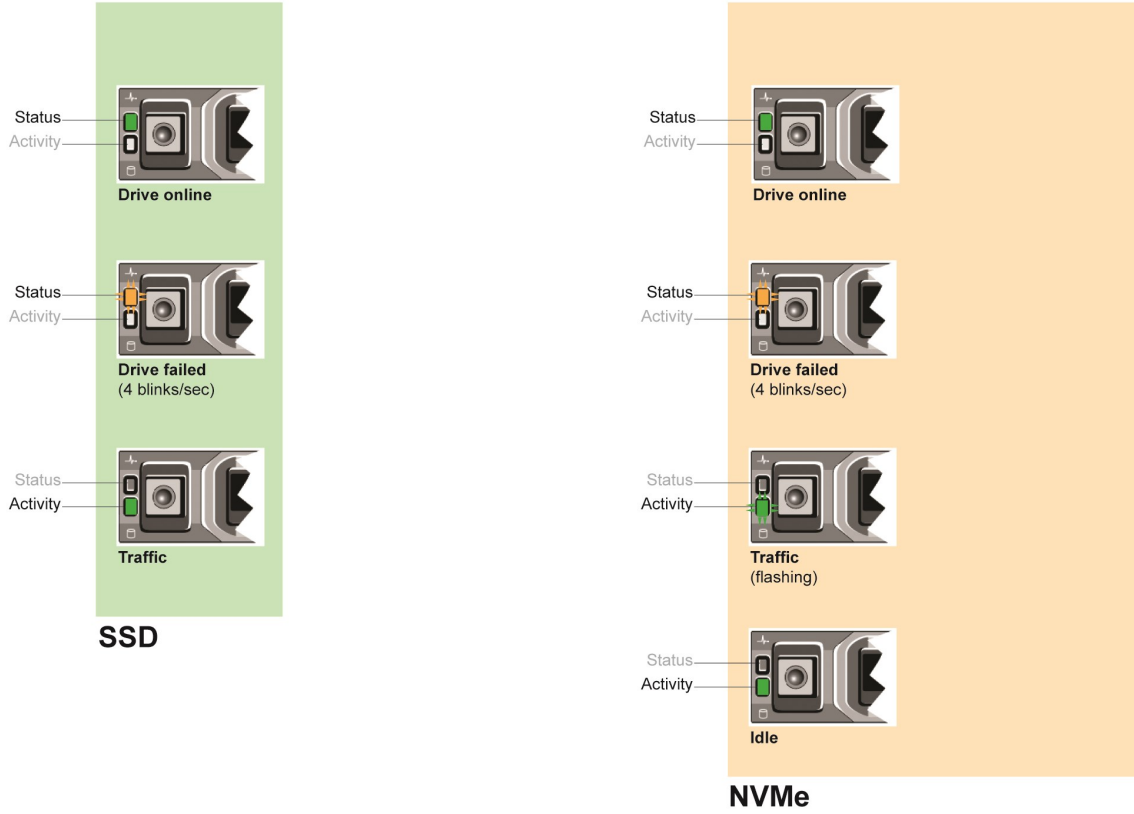
- These transceivers are hot-swappable.
- You can distinguish the **SR** transceiver from the **LR** transceiver by the number on the label and the color of the handle. For details, see [Installing a Fiber Interface Transceiver](#).

NX-10700 [PN 200881]

NX-10700	Drives	Power Supplies	Disk Layout
Quantity	2 SSD + 4 NVMe	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

NX-10700 – Front View

Power LED [green = ON]




NX-10700 – Rear View



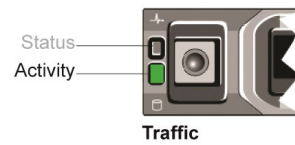
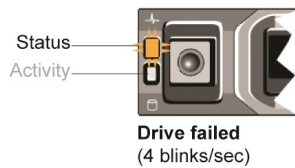
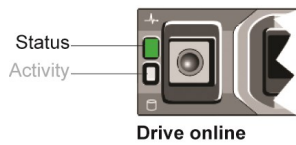
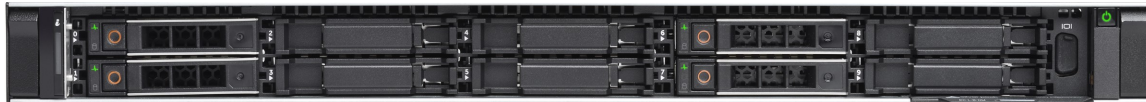
mgmt0 & mgmt1			
<p>Link Activity</p>	<p>Link Activity</p>	<p>Link Activity</p>	<p>Link Activity</p>
Not connected	Connected at max speed	Connected at lower speed	Traffic

1/10 Gbps fiber interfaces for tlan / twan — SR (Short Reach) modules			
Indicator		10G	1G
LNK	Link	blue solid	green solid
ACT	Activity	green blinking	
BYPASS	Bypass	green solid	
DISC	Disconnect	yellow solid	
NRM	Normal	off — In NRM mode, the ports are independent interfaces	

NX-10700 [PN 201268]

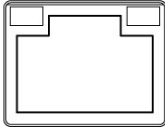
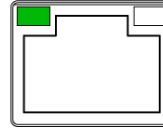
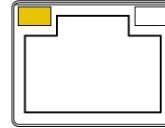
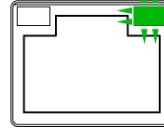
EC-XL-B-NM	Drives	Power Supplies	Disk Layout
Quantity	2 SSD +2 NVMe	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

NX-10700 – Front Views

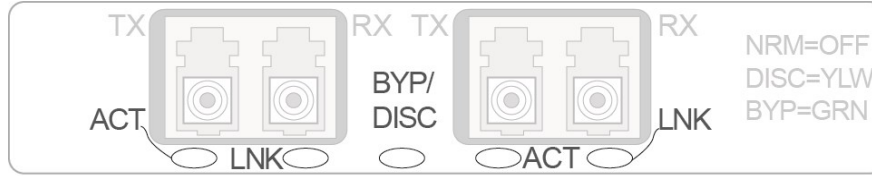


NX-10700 – Rear View



mgmt0 & mgmt1			
<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 
Not connected	Connected at max speed	Connected at lower speed	Traffic

1/10 Gbps fiber interfaces for tlan / twan — SR (Short Reach) modules



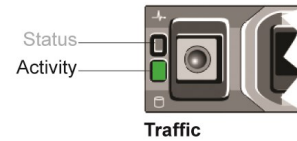
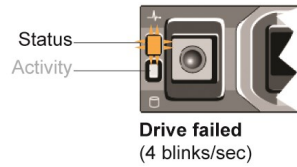
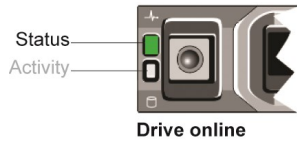
Indicator		10G	1G
LNK	Link	blue solid	green solid
ACT	Activity	green blinking	
BYPASS	Bypass	green solid	
DISC	Disconnect	yellow solid	
NRM	Normal	off — In NRM mode, the ports are independent interfaces	

NX-11700 [PN 200711]

NX-11700	SSD	Power Supplies	Disk Layout
Quantity	18	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

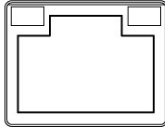
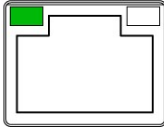
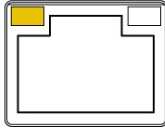
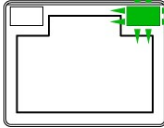
NX-11700 – Front View

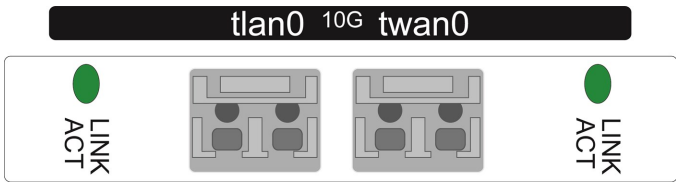
Power LED [blue = ON]



NX-11700 – Rear View



mgmt0 & mgmt1			
<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 
Not connected	Connected at max speed	Connected at lower speed	Traffic

tlan0 / twan0 — 10 Gbps fiber interfaces	
<p>All LEDs are green</p> <p>Link = solid Activity = blinking</p>	

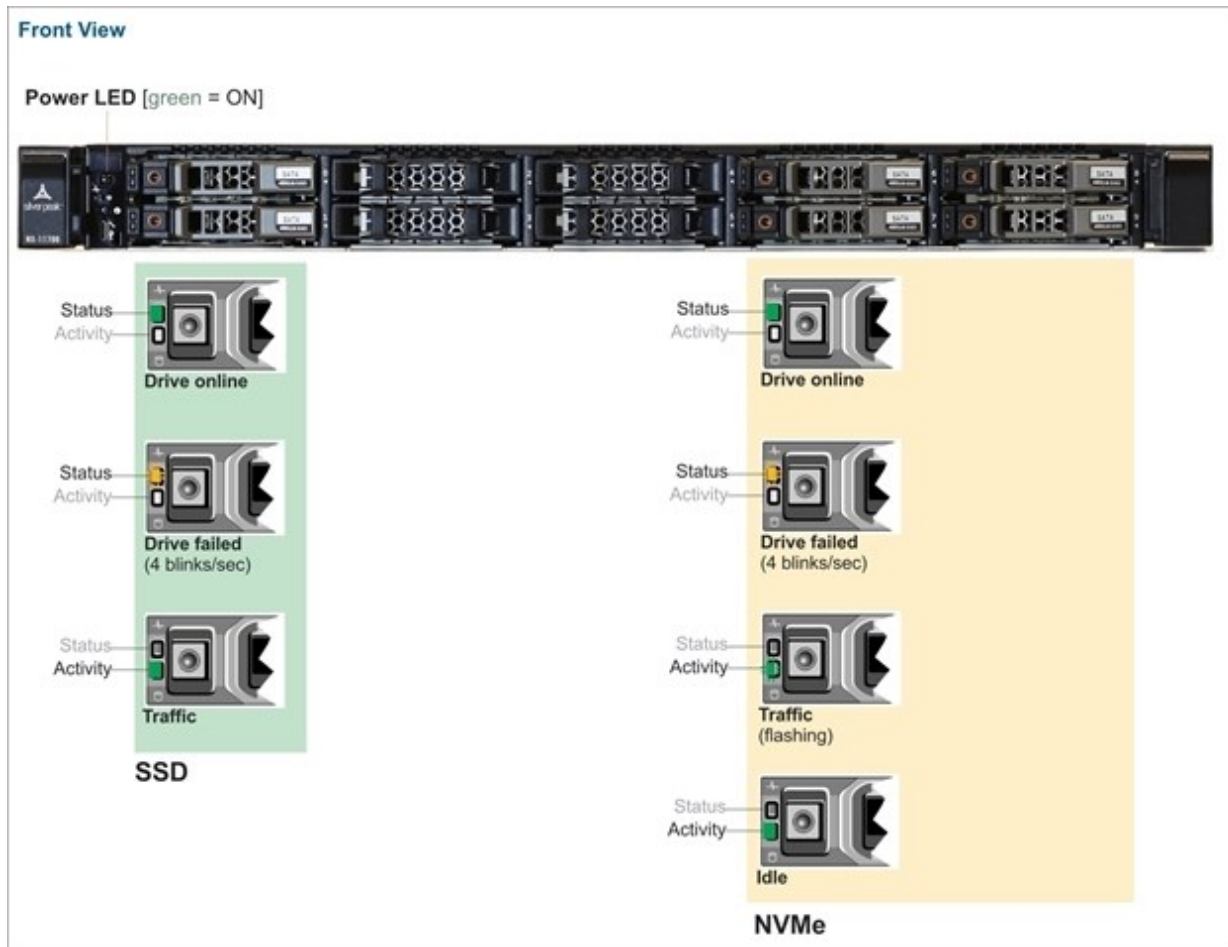
You have the option to separately order **LR** (Long Reach) 10 Gbps fiber transceivers to replace the default **SR** (Short Reach) transceivers in this appliance.

- These transceivers are hot-swappable.
- You can distinguish the **SR** transceiver from the **LR** transceiver by the number on the label and the color of the handle. For details, see [Installing a Fiber Interface Transceiver](#).

NX-11700 [PN 200882]

NX-11700	Drives	Power Supplies	Disk Layout
Quantity	2 SSD + 4 NVMe	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	

NX-11700 – Front View




NX-11700 – Rear View



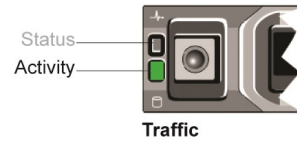
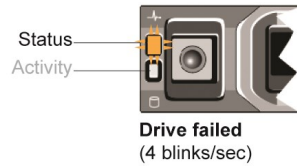
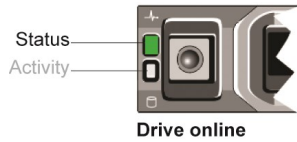
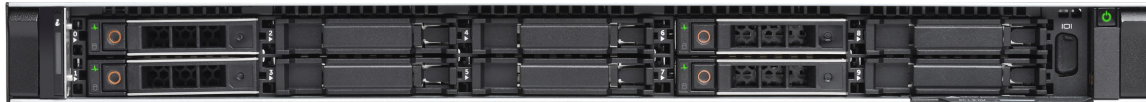
mgmt0 & mgmt1			
Link Activity	Link Activity	Link Activity	Link Activity
Not connected	Connected at max speed	Connected at lower speed	Traffic

1/10 Gbps fiber interfaces for tlan / twan — SR (Short Reach) modules			
		NRM=OFF DISC=YLW BYP=GRN	
Indicator		10G	1G
LNK	Link	blue solid	green solid
ACT	Activity	green blinking	
BYPASS	Bypass	green solid	
DISC	Disconnect	yellow solid	
NRM	Normal	off — In NRM mode, the ports are independent interfaces	

NX-11700 [PN 201269]

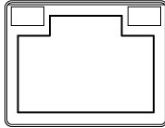
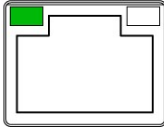
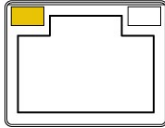
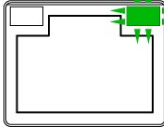
NX-11700	SSD	Power Supplies	Disk Layout
Quantity	2 SSD + 2 NVMe	2	
User authorized to replace?	yes	yes	
Hot swappable?	yes	yes	


NX-11700 – Front View



NX-11700 – Rear View



mgmt0 & mgmt1			
<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 	<p>Link Activity</p> 
Not connected	Connected at max speed	Connected at lower speed	Traffic

1/10 Gbps fiber interfaces for tlan / twan — SR (Short Reach) modules			
 <p style="text-align: right;">NRM=OFF DISC=YLW BYP=GRN</p>			
Indicator		10G	1G
LNK	Link	blue solid	green solid
ACT	Activity	green blinking	
BYPASS	Bypass	green solid	
DISC	Disconnect	yellow solid	
NRM	Normal	off — In NRM mode, the ports are independent interfaces	