TANDBERG DATA

Quick Start Guide

RDX® QuikStation™ 8
2U Storage Appliance

1021778

Step 1

Register the Unit

It is **essential** to activate your warranty. Technical and warranty support are **not available** until the warranty is active:

1. Go to http://Registration.tandbergdata.com/ and select **Service & Support > My Products**.
2. At the Site Login, enter your **email address** and **password**, and click **GO**.
3. Click **Register New Product**.
4. Fill in the information (including serial number) and click **Submit**.

EMAIL ADDRESS: Enter
PASSWORD: Enter
Sign In
Forgot your password? Reset Your Password!
Don't have an account? Sign Up Today!

Your warranty certificate will be emailed to you. Follow the instructions included in the email to complete the registration process.

Unpack the Unit

Place the unit and any supplied RDX cartridges on a secure surface. Ensure that the airflow around the front and back of the unit is not obstructed, there is minimal dust, and there is a minimum of 12cm free space in front of the unit to allow the operators to safely remove the RDX cartridges.

⚠️ **WARNING:** To reduce the risk of electric shock or damage to equipment, always remove any power cords while working with the unit.
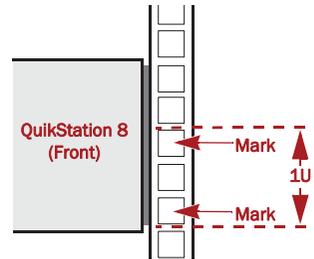
⚠️ **WARNUNG:** Um das Risiko eines elektrischen Schlags oder Schäden am Gerät zu vermeiden, ziehen Sie stets den Netzstecker, bevor Sie an der Einheit arbeiten.

AVERTISSEMENT: Pour réduire le risque de choc électrique ou endommagement de l'équipement, retirez toujours les cordons électriques en travaillant avec l'appareil.

Step 2

Install Rails in Rack

The rack-mounted RDX QuikStation 8 is designed for use in a 19-inch rack using 2U of rack space. The rails install in the bottom of a 2U space, the same as a 1U install. The length of the power cord and the Ethernet cables may restrict placement.
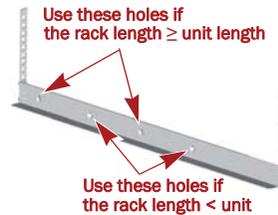

QuikStation 8 (Front) — Mark — 1U — Mark

1. Determine the 2U area where the QuikStation 8 is to be mounted and mark the bottom 1U (4.45cm/1.75 in.) of space on the front rack.
2. At the rear, mark the **first** and **third holes**.
3. **Measure** the length between the front and rear rack mount rails.
   - If the measurement is **shorter** than the length of the QuikStation, secure the **first** and **third** rail holes with M4x12 screws, washers, and nuts.
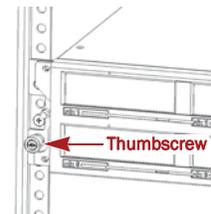   - If the measurement is **longer** than the length of the QuikStation, secure the **second** and **fourth** rail holes with M4x12 screws, washers, and nuts.

Use these holes if the rack length ≥ unit length

Use these holes if the rack length < unit

4. Align the left-front flange with the two marked holes on the front rack rail and loosely attach the rail with two screws. Ensure the rail is level and attach the rail to the rack rear with two screws.
5. Repeat Step 4 for the right-side rail.
6. Verify the rails are level and securely tighten all screws.

Installing the Unit in the Rack

1. Lift and position the unit on the rails and push it in to full install depth with the front brackets touching the rail screws. Ensure the unit is level and that QuikStation 8 thumbscrews (shown below) align with the appropriate rail holes.

Thumbscrew

2. Using the thumbscrews, anchor the QuikStation 8 bracket right and left to the rack.
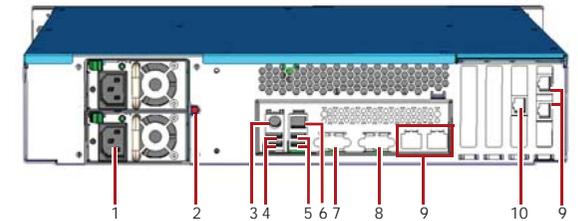
⚠️ **WARNING:** Do not place anything on top of the rack-mounted unit when it is extended from the rack.

⚠️ **AVERTISSEMENT:** Ne rien poser sur l'unité installée dans le rack lorsqu'elle est étendue du rack.

Step 3

Connect Network and Power Cords

All cabling, power connections, and cooling vents are located on the QuikStation rear panel.

1 - AC Power Plug
2 - Power Supply Reset
3 - Mouse/Keyboard
4 - USB 2.0 Ports (2)
5 - USB 3.0 Ports (2)
6 - Ethernet port (Disabled)
7 - Serial connector
8 - VGA connector
9 - Gigabit Ethernet ports
10 - 10Gigabit Ethernet port (optional)

1. Connect one or two RDX QuikStation Ethernet network ports to **network** ports on a switch, hub, or router on the same LAN as the host system used to manage the QuikStation.

   NOTE: At least two network ports are recommended for failover protection and maximum performance.

2. Connect the appropriate power cords to the QuikStation, and **plug the power cords** into a **UPS appliance** or a **properly grounded AC power source**.

3. Turn the power on by pressing the **power button** on the front of the unit.

Install Cartridges

1. Insert an **RDX cartridge** into the QuikStation 8 RDX dock.
2. Slide the **cartridge** in until it locks in place.
3. Repeat Steps 1–2 for **each** remaining cartridge.

Step 4

Obtain the IP Address

The default network configuration is set for dynamic IP addresses (DHCP), but static IP addresses are also supported. To determine an IP address:

1. Attach a **monitor** to the VGA/display port.
2. **Power on** the unit by pressing the power button
   After the unit initializes, the IP addresses are displayed.

The IP address may also be obtained using a USB stick with a single MBR partition formatted with either FAT32 or NTFS.

1. Create an empty `network.info` file on a USB stick.
2. **Insert the stick** in the USB port on the front of the unit and wait at least 30 seconds for the network configuration to download to the `network.info` file.
3. Move the USB stick to a **host computer** and scan the updated `network.info` file to determine the available IP addresses.

Assign a Static IP Address

If DHCP support is not enabled, set a static IP address for the unit:

1. Create a `network.conf` file on a USB stick that contains the following entries with IPv4 address, Default Gateway, and Prefix appropriate to the user's network.

   NOTE: The Prefix is equivalent to the number of bits turned on in the Subnet Mask (for example, the Prefix for the mask 255.255.255.0 is 24).

   ```
   BOND0_IP4_CONFIG=static
   BOND0_IP4_ADDR=192.168.10.111
   BOND0_IP4_GW=192.168.10.1
   BOND0_IP4_PREFIX=24
   ```

2. **Insert the stick** in the USB port on the front of the unit and wait at least two minutes for the `network.conf` file to update.

   The Remote Management Console should now be available at the static IP address selected. For more information on how to configure IP addresses, refer to the *RDX QuikStation Product Manual*.

Connect to Remote Management Console

Use a web browser to connect to the RDX QuikStation Remote Management Console from any computer on the same network as the RDX QuikStation 8. Supported operating systems include Microsoft Windows, Linux, and Apple MacOS.

To connect to the Remote Management Console:

1. Obtain the unit's **IP address**.
2. From a network host, type the RDX QuikStation **IP address** in a web browser (`http://<RDX QuikStation IP Address>`).
3. Sign in to the **Console**.

   The default user name/password is `Admin/Admin!`

   NOTE: Passwords are case-sensitive.

Step 5

Configure the RDX QuikStation

You can configure your RDX QuikStation as RDX Disks (default) or RDX Logical Volume. Refer to the *RDX QuikStation Product Manual* for detailed information on system configuration.

1. From the Remote Management Console (RMC), select the **device type** from the dialog window.
2. Click **OK**.

   The system restarts. When finished, the RMC displays your selected device configuration.

   NOTE: If you have any RDX cartridges loaded into the RDX QuikStation, the system will eject the cartridges when it restarts.

Step 6

Connect to iSCSI Targets

In iSCSI terminology, a host computer is referred to as an **initiator** and the storage device it connects to as the iSCSI **target**.

NOTE: The RDX QuikStation and the host computers must reside on the same network.

To establish an iSCSI connection in Windows Server 2012 R2:

1. Open Microsoft iSCSI Initiator and click the **Discovery** tab.

2. Click **Discover Portal** to enter the IP address for the RDX QuikStation.
3. Click **OK**.
4. Click on the **Targets** tab.
5. Select the target you wish to connect to and click the **Connect** button.

   For more information on how to connect to targets, refer to the *RDX QuikStation Product Manual* and your OS documentation.

Prepare for and Perform a Backup

1. If needed, install a **backup application**. Software compatibility information is available at www.tandbergdata.com.
2. **Launch** and **configure** the backup application software to perform a backup.

   For questions regarding software installation, configuration, and operation, refer to your backup software product documentation or contact your software provider.

Step 7

User Guides

For detailed information on configuring your RDX QuikStation 8, refer to the *RDX QuikStation Product Manual*.

This and knowledge base articles are **available online**:

   http://www.tandbergdata.com

Select your product from the drop-down menus to view the documentation available.

Additional RDX Cartridges

To purchase RDX cartridges, contact your Tandberg Data Partner, or contact Sales via our website:

   http://www.tandbergdata.com

Warranty and Technical Support

For warranty and technical support information, see our **Technical Support Services** web page:

   http://www.tandbergdata.com

Product Information

Product name: RDX QuikStation 8
Model/Type Reference: RMN-A-01-16
Manufacturer: Tandberg Data
European Regulatory Address:
Tandberg Data GmbH, Feldstr. 81, 44141 Dortmund, Germany

Power Ratings

Input Voltage	100 - 240 VAC
Input Rated Current	2.0-1.0A
Rated Input Frequency	50-60 HZ

Safety Precautions

FCC Compliance Notice

Environment Friendly Disposal

产品中有害物质的名称及含量

部件名称	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr (VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
机箱/风扇 Enclosure / Fan	X	O	O	O	O	O
印刷电路板组件 PCAs	X	O	O	O	O	O

本表格依据 SJ/T 11364 的规定编制。

O: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。

X: 表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。