

# PRIMERGY RX100 S6

*System configurator and order-information guide*

August 2011

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# Instructions

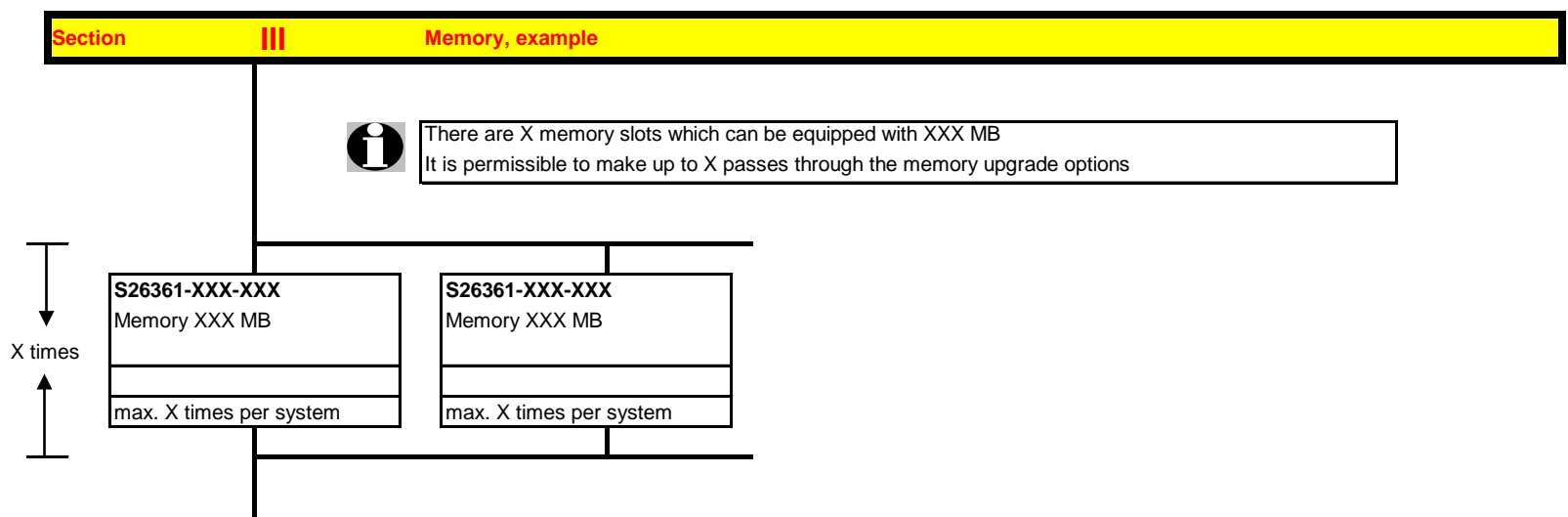
This document contains basic product and configuration information that will enable you to configure your system via PC-/System-Architect

Only these tools will ensure a fast and proper configuration of your PRIMERGY server or your complete PRIMERGY Rack system.

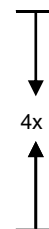
You can configure your individual PRIMERGY server in order to adjust your specific requirements.

The System configurator is divided into several chapters that are identical to the current price list and PC-/System-Architect.

Please follow the lines. If there is a junction, you can choose which way or component you would like to take. Go through the configurator by following the lines from the top to the bottom.



In one chapter you can only select as many components (here 4x) as the arrow indicates.



Please note that there are information symbols which indicate necessary information.



**Further information in the internet see:**

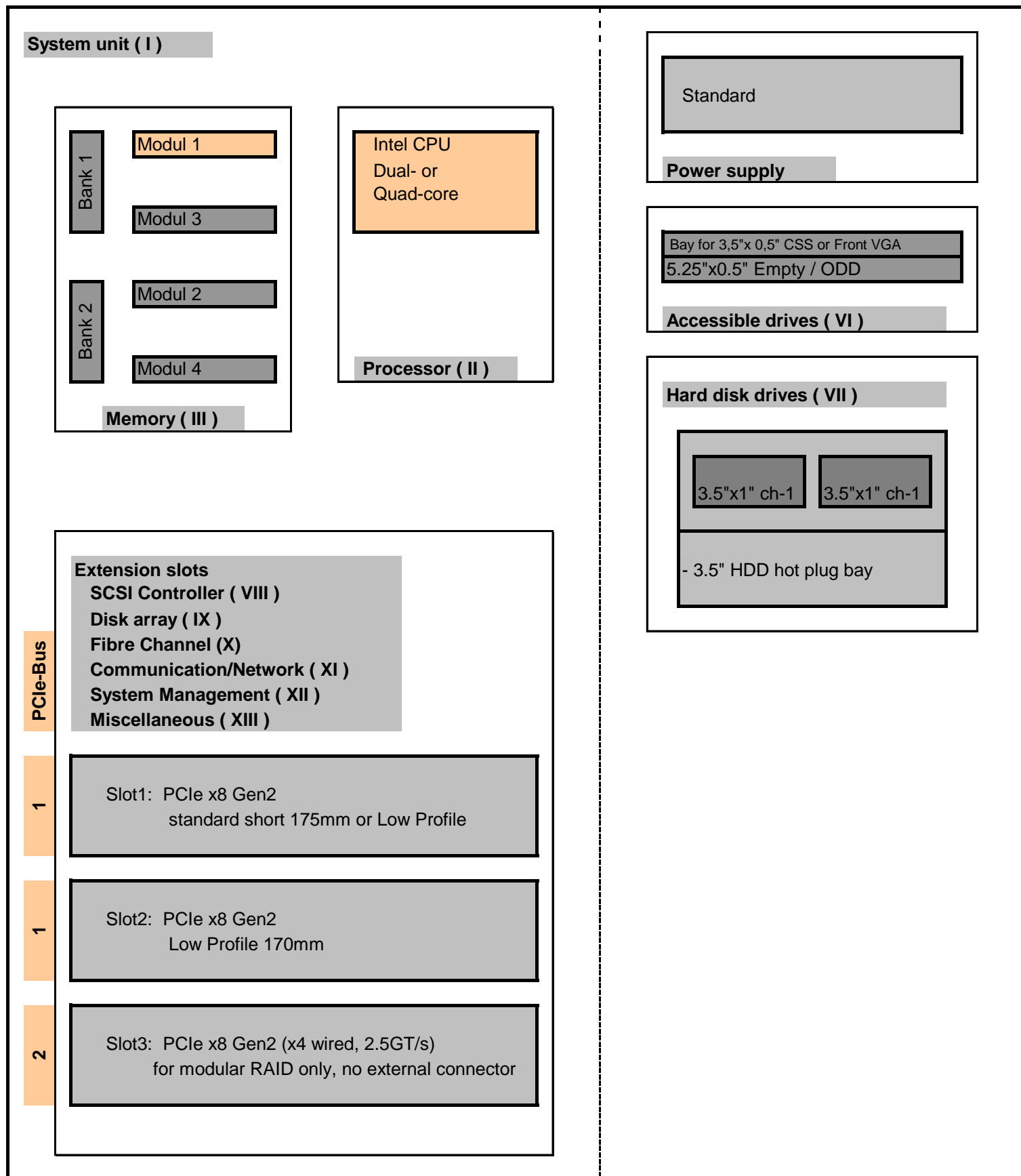
[http://ts.fujitsu.com/products/standard\\_servers/index.html](http://ts.fujitsu.com/products/standard_servers/index.html) (internet)

[https://partners.ts.fujitsu.com/com/order-supply/configurators/primergy\\_config/current/Pages/default.aspx](https://partners.ts.fujitsu.com/com/order-supply/configurators/primergy_config/current/Pages/default.aspx) (extranet)

Prices and availability see price list and PC-/System-Architect.  
 Subject to change and errors excepted.

## Configuration diagram PRIMERGY RX100 S6

with 3.5" Hard disk drives

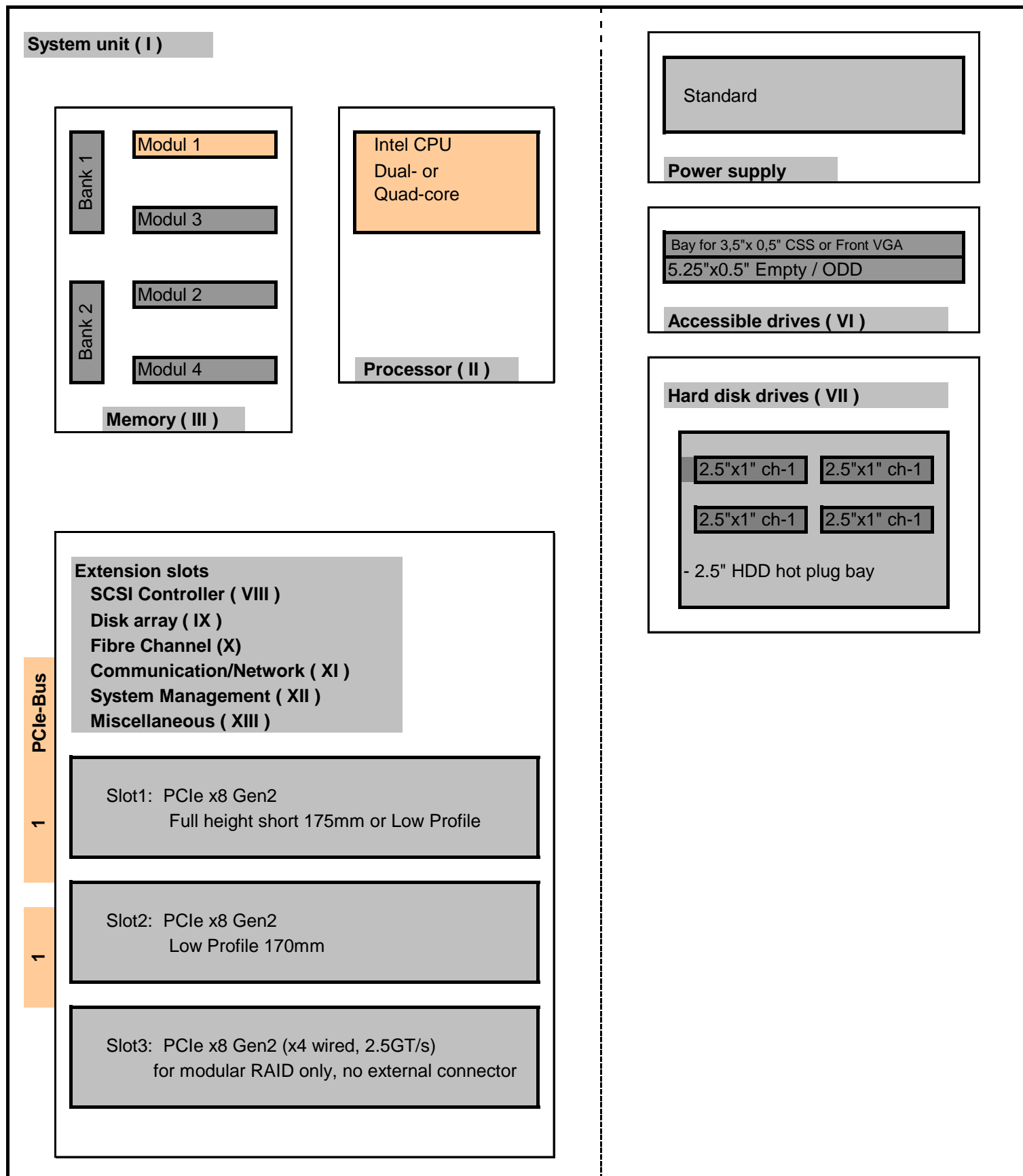


Key:

- Included in basic unit
- Option
- One CPU ( first CPU ) and one memory ( first memory ) has to be selected for an orderable basic unit.

## Configuration diagram PRIMERGY RX100 S6

with 2.5" Hard disk drives



Key:

- Included in basic unit
- Option
- One CPU ( first CPU ) and one memory ( first memory ) has to be selected for an orderable basic unit.

Start PRIMERGY RX100 S6

**SW - Configurator 32 bit**

**with OEM-Software**  
for PRIMERGY Server

**VMWare restrictions**  
1 onboard LAN is supported  
SATA RAID is not supported

**without OEM-Software**  
for PRIMERGY Server

OEM-SW is bound to HW and is not allowed to be ordered separately.

**VMware-Software**  
- VCMS VirtualCenter Management Server

**i** For all SW products please refer to the corresponding software configurator accessible via the Extranet under Configuration & Tools, -All configurations, -Software, URL see below.

**MS - Software: W \*\*)**  
- Windows Server 2003 R2, Standard Edition  
Web Edition, SP2/English  
- Additional loose Client-Access-Licenses (CALs) (not for Web Edition)

**PRIMECLUSTER \*)**  
- Clustering  
- Load Balancing

**Linux - Software: \*\*)**  
- Open Enterprise Server \*\*\*)  
- SuSE Linux ES (OEM): LO  
- SuSE Linux ES (Support): LS  
- Red Hat EL (OEM): LO  
- Red Hat EL (Support): LS

**Manageability Software: V\*\*)**  
- iRMC advanced Pack  
- RemoteView Software  
- RemoteDeploy  
- Altiris Server Deployment

**i** Details eg. version numbers are published in the separate SW-Configurator

**i** \*) Pay attention to the PRIMECLUSTER release and ordering information in the Extranet

**i** \*\*) Pay attention to release and order information in PRINCE -> Operating System

**Backup-Software / Application-Software: U**  
- ARCserve  
- openSM2

**They find single software configurators and release lists (OS-matrix / system management / security) under following addresses:**

for internal users: <http://sp.ts.fujitsu.com/dmsp/docs/osrel.xlsx>  
 for partners: <https://partners.ts.fujitsu.com/com/products/servers/primergy/Pages/default.aspx>


**Continue with PRIMERGY HW configurator**

Start PRIMERGY RX100 S6

**SW - Configurator EM64T**

**with OEM-Software**  
for PRIMERGY Server

**without OEM-Software**  
for PRIMERGY Server


 For all SW products please refer to the corresponding software configurator accessible via the Extranet under "Configuration & Tools, -All configurations, -Software, URL see below.


OEM-SW is bound to HW and is not allowed to be ordered separately.


**only EM64T**  
**Microsoft - Software: W**  
 - Windows Server 2003 R2, Standard x64 Edition  
 - Additional loose Client-Access-Lizenzen (CALs)

**only x86\_64**  
**Linux - Software \*) \*\*)**  
 - SuSE Linux ES (OEM): LO  
 - SuSE Linux ES (Support): LS  
 - Red Hat EL (OEM): LO  
 - Red Hat EL (Support): LS

**only EM64T**  
**Manageability Software: V\*\*)**  
 - RemoteView Software  
 - RemoteDeploy  
 - IRMC advanced Pack

 Details eg. version numbers are published in the separate SW-Configurator

 \*) Pay attention to the PRIMECLUSTER release and ordering information in the Extranet

 \*\*) Pay attention to release and order information in PRINCE -> Operating System

**You'll find single software configurators and release lists (OS-matrix / system management / security) under following addresses:**

for internal users: <http://sp.ts.fujitsu.com/dmsp/docs/osrel.xlsx>  
 for partners: <https://partners.ts.fujitsu.com/com/products/servers/primergy/Pages/default.aspx>

**Continue with PRIMERGY HW configurator**

**Section 1 | Basic unit**



**System unit consisting of:**

**\* 1U Housing including standard power supply**

-Standard Power Supply Unit 350W

**\* Fans**

- Fans for Power Supply and Chassis

**\* Drives / Bays**

- 2 bays 3.5" for hot-plug HDDs **or**
- 4 bays 2.5" for hot-plug HDDs
- 1 bay 0.5" height for optional SATA ODD
- 1 bay 0,5" height for optional CSS-modul ( Customer Self Service ) or Front VGA + 1x USB

**Options:**

\* One 0,5" bay can be configured with an optional CSS ( Customer Self Service ) modul **or**

*For indication of a failed component via LED's*

*Simultaneously components are marked which can be replaced by the customer.*

*This LEDs can be dispalyed during service even without mains connection.*

Front VGA + 1x USB

**Systemboard with:**

- Mono Processor Board with LGA775 socket (s. section II)
- 2 PCIe x8 Gen2 slots + 1x PCIe x4 Gen2 Slot for modular RAID
- 4 memory slots (s. section III)
- SATA RAID (ICH9R) on-board or SAS RAID controller in the dedicated slot (s. section IX)
- 2x 1 Gbit Ethernet LAN Intel 82578 + 82574 on-board plus
- iRMC S2 (integrated Remote Management Controller) on-board server management controller with dedicated 10/100 Service LAN-port and integrated graphics controller  
The Service LAN-port can be switched alternatively on standard Gbit LAN port 1 (shared mode)
- Graphics Controller integrated in iRMC S2 (integrated Remote Management Controller):  
1600x1200x16bpp 60Hz, 1280x1024x16bpp 60Hz, 1024x768x32bpp 75Hz, 800x600x32bpp 85Hz,  
640x480x32bpp 85Hz  
(1280x1024x24bpp 60Hz only possible if local monitor or remote video redirection is off)

**Interfaces:**

- 1x RS-232-C (serial, 9 pins) (usable for BMC or OS or shared)
- 1x VGA (15 pins)
- 8x USB 2.0 ( UHCI ) with 480MBit/s ( 2x (+1x optional) front, 4x back, 1x internal)
- 2x LAN RJ45, 1x Service-LAN RJ45

**Cables:**

1. SATA cable for ODD
2. SATA/SAS cables for up to 4 HDDs
3. Power cable

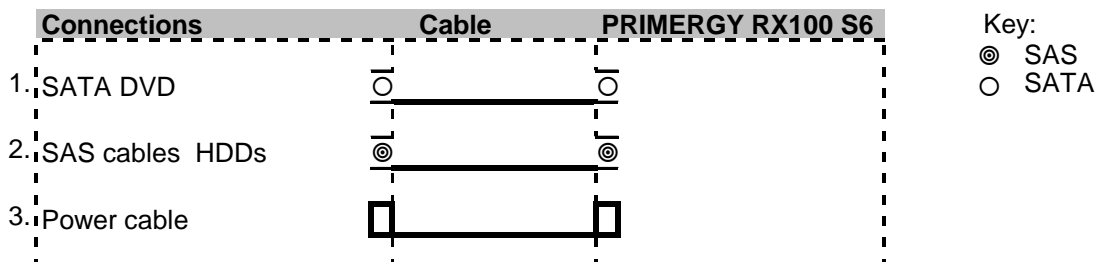
**Software:**

- ServerView Suite Software package incl. ServerStart, ServerBooks, Management Software and Updates
- Documentation engl. (multilingual on CD)

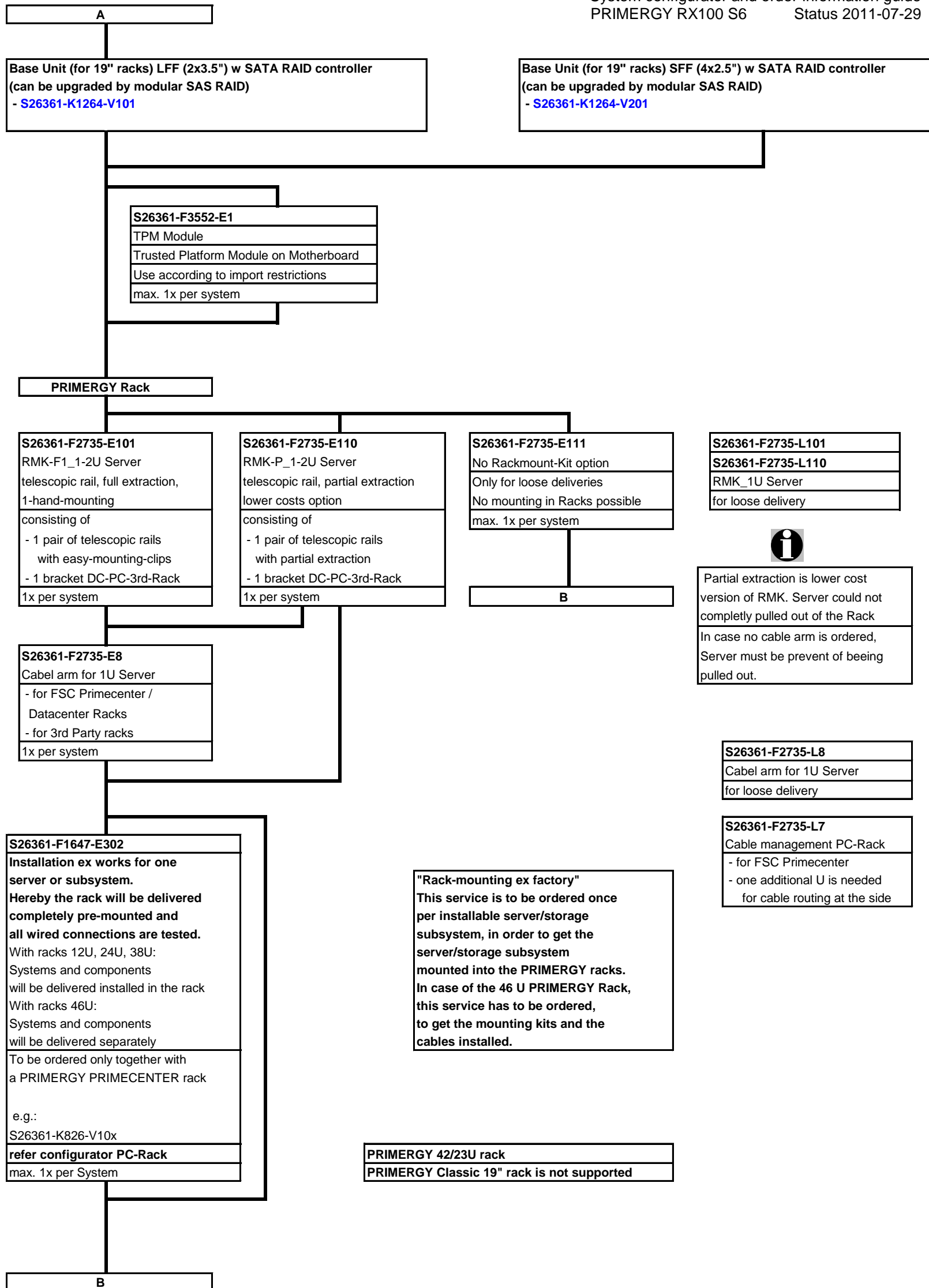


**Note: Rack Mounting kit for PRIMERGY RX100 S6 is not included in the basic unit and has to be configured separately**

**Cables included in basic unit**



A





B

**Section 2 II Processor**

**Note\*\*:** The CPU is not included in the base unit and has to be configured separately.

One of following CPU's has to be selected for an orderable basic unit

Dual-Core CPU's	
- 1x 64-bit Intel Celeron (2MB SLC), Pentium (3MB SLC) or Core-i3 (4MB SLC) and heat pipe occupies socket for one CPU	
Celeron G1101 2.26GHz 2MB 2C 1066MHz (73W)	S26361-F3589-E226
Pentium G6950 2.80GHz 3MB 2C 1066MHz (73W)	S26361-F3588-E280
Core i3-530 2.93GHz 4MB 2C/4T 1333MHz (73W)	S26361-F3587-E293 on special release
Core i3-540 3.06GHz 4MB 2C/4T 1333MHz (73W)	S26361-F3587-E306
Core i3-550 3.20GHz 4MB 2C/4T 1333MHz (73W)	S26361-F3587-E320 on special release
Quad-Core XEON CPU's	
- 1x 64-bit Intel Xeon UP (8MB shared TLC = Third Level Cache) Hyper-Threading (HT not with X3430); 1333 MHz DDR3 Bus and heat pipe occupies socket for one CPU	
Xeon X3430 2.40GHz 8MB 4C/4T 1333MHz Turbo (95W)	S26361-F3578-E343
Xeon X3440 2.53GHz 8MB 4C/8T 1333MHz Turbo (95W)	S26361-F3578-E344 on special release
Xeon X3450 2.66GHz 8MB 4C/8T 1333MHz Turbo (95W)	S26361-F3578-E345
Xeon X3460 2.80GHz 8MB 4C/8T 1333MHz Turbo (95W)	S26361-F3578-E346
Xeon X3470 2.93GHz 8MB 4C/8T 1333MHz Turbo (95W)	S26361-F3578-E347
Xeon X3480 3.06GHz 8MB 4C/8T 1333MHz Turbo (95W)	S26361-F3578-E348 on special release
Low Voltage Xeon CPU's	
- 1x 64-bit Intel Xeon LV UP (4/8MB shared TLC = Third Level Cache) Hyper-Threading (HT); 1066 or 1333 MHz DDR3 Bus and heat pipe occupies socket for one CPU	
Xeon L3406 2.26GHz 4MB 2C/4T 1066MHz Turbo (30W)	S26361-F3586-E226
Xeon L3426 1.86GHz 8MB 4C/8T 1333MHz Turbo (45W)	S26361-F3586-E186

1x

**Section 3 III Memory**

**i** There are 2 memory banks with 2 DIMM slots each.

**Single channel memory configuration allow maximum flexibility:**  
Additional memory can be configured as single memory modules.

**Dual channel memory configurations for maximum performance:**  
For optimum performance memory has to be configured in pairs of memory modules with identical size.

**Registered DIMMS are configurable for 4-core CPUs only**  
max. 16GB unbuffered DDR3 RAM for UDIMMs with 4GB moduels or 32GB registered DDR3 RAM for RDIMM 8GB (on special release)

**Note\*\*:** Memory is not included in the base unit and has to be configured separately, min 1x.

Unbuffered (ub) UDIMMs	Registered (reg) RDIMMs
- One DDR3- ub ECC memory module	- One DDR3 reg ECC memory module
1GB 1333 SR S26361-F3335-E513	4GB 1333 DR S26361-F3336-E515
2GB 1333 SR/DR S26361-F3335-E514	4GB 1066 DR(1333)/QR(1066) S26361-F3336-E517 as long as available
4GB 1333 DR S26361-F3335-E515	8GB 1066 QR S26361-F3336-E516 on special release only
Choose up to 4 order codes above.	for 4-core CPU type only

4x

**No mix of Unbuffered (UDIMMs) with registered (RDIMMs) modules** **i**

**Section 4 IV Riser Card**

**i** Included in basic unit

**Section 5 V Graphics**

**i** Graphics Controller integrated in iRMC S2 (integrated Remote Management Controller):  
1600x1200x16bpp 60Hz, 1280x1024x16bpp 60Hz, 1024x768x32bpp 75Hz, 800x600x32bpp 85Hz, 640x480x32bpp 85Hz  
(1280x1024x24bpp 60Hz only possible if local monitor or remote video redirection is off)

**Opt. Front VGA + add. USB**  
Please refer to Sys.Manag. XII **i**

**i** Optional Front VGA only possible for onboard graphics

**S26361-F2748-E637**  
PY VGA LP card 512MB PCI-e x1  
NVIDIA NVS300  
512 MB PCI-e-x1  
2x DVI or 2x VGA or  
1x DVI plus 1x VGA  
cables adapters included  
Dual head + fully 3-D  
supported for Windows OS  
only native driver support for Linux OS  
low profile bracket  
max. 1x per system

**i** PY VGA card must be installed in the slot Nr.2  
PY VGA can not be used in combination with RAID Controller  
LSISAS2108, S26361-F3554-E512

**i** **S26361-F2748-L637**  
PY VGA LP card 512MB PCI-e x1 for loose delivery

1x

C

**Memory Configuration PRIMERGY RX100 S6**

Memory type CPU Type	UDIMM												RDIMM											
	1GB 1333 SR				2GB 1333 DR				4GB DR 1333				4GB 1333 DR				4GB 1066 QR				8GB 1066 QR			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Memory population#	1DPC		2DPC		1DPC		2DPC		1DPC		2DPC		1DPC		2DPC		1DPC		2DPC		1DPC		2DPC	
Celeron G1101 2.26GHz 2MB 2C 1066MHz (73W)	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	RDIMM not supported on Dual Core CPU				RDIMM not supported on Dual Core CPU				RDIMM not supported on Dual Core CPU			
Pentium G6950 2.80GHz 3MB 2C 1066MHz (73W)	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	RDIMM not supported on Dual Core CPU				RDIMM not supported on Dual Core CPU				RDIMM not supported on Dual Core CPU			
Core i3-530 2.93GHz 4MB 2C/4T 1333MHz (73W)	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	RDIMM not supported on Dual Core CPU				RDIMM not supported on Dual Core CPU				RDIMM not supported on Dual Core CPU			
Core i3-540 3.06GHz 4MB 2C/4T 1333MHz (73W)	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	RDIMM not supported on Dual Core CPU				RDIMM not supported on Dual Core CPU				RDIMM not supported on Dual Core CPU			
Xeon X3430 2.40GHz 8MB 4C/4T 1333MHz Turbo (95W)	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1066	1066	800	800	1066	1066	800	800
Xeon X3440 2.53GHz 8MB 4C/8T 1333MHz Turbo (95W)	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1066	1066	800	800	1066	1066	800	800
Xeon X3450 2.66GHz 8MB 4C/8T 1333MHz Turbo (95W)	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1066	1066	800	800	1066	1066	800	800
Xeon X3460 2.80GHz 8MB 4C/8T 1333MHz Turbo (95W)	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1066	1066	800	800	1066	1066	800	800
Xeon X3470 2.93GHz 8MB 4C/8T 1333MHz Turbo (95W)	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1066	1066	800	800	1066	1066	800	800
Xeon L3406 2.26GHz 4MB 2C/4T 1066MHz Turbo (30W)	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	RDIMM not supported on Dual Core CPU											
Xeon L3426 1.86GHz 8MB 4C/8T 1333MHz Turbo (45W)	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1066	1066	800	800	1066	1066	800	800


- SR - Single Rank - 1Rx8 1333
- DR - Dual Rank - 2Rx8 1066
- QR - Quad Rank - 4Rx8 800
- not supported
- special release

1DPC = 1 DIMM per Channel  
 2DPC = 2 DIMM per Channel  
 3DPC = 3 DIMM per Channel


**Section 1.1 Energy Star**

<b>S26361-F3301-E101</b>
RX100 S6 E-StarFam1
for all dual core CPUs with std. PSU
Limits configuration in accordance with Energy Star requirements
max. 1x per system


<b>S26361-F3301-E102</b>
RX100 S6 E-StarFam2
for all quad core CPUs with std. PSU
Limits configuration in accordance with Energy Star requirements
max. 1x per system

**All following order units are not allowed together with RX100 S6 E-StarFam1:** 

Xeon X3430	<a href="#">S26361-F3578-E343</a>
Xeon X3440	<a href="#">S26361-F3578-E344</a>
Xeon X3450	<a href="#">S26361-F3578-E345</a>
Xeon X3460	<a href="#">S26361-F3578-E346</a>
Xeon X3470	<a href="#">S26361-F3578-E347</a>
Xeon X3480	<a href="#">S26361-F3578-E348</a>
Xeon L3426	<a href="#">S26361-F3586-E186</a>

**All following order units are not allowed together with RX100 S6 E-StarFam2:** 

Celeron G1101	<a href="#">S26361-F3589-E226</a>
Pentium G6950	<a href="#">S26361-F3588-E280</a>
Core i3-530	<a href="#">S26361-F3587-E293</a>
Core i3-540	<a href="#">S26361-F3587-E306</a>
Core i3-550	<a href="#">S26361-F3587-E320</a>
Xeon L3406	<a href="#">S26361-F3586-E306</a>
Memory 1GB ub.	<a href="#">S26361-F3335-E226</a>

**All following components are not allowed together with any Energy Star certification!**  
**If you need one of them, please cancel the Energy star order component!** 

**LAN Controller**

<b>S26361-F3462-E201</b>
Gigabit Ethernet Quad 1000TX
<b>S26361-F3555-E201</b>
10 Gigabit Eth. Contr. 2port SFP+

**Controller for ext. Backup or SAS**

<b>S26361-F3270-E201</b>
SCSI U320 Controller
<b>S26361-F3271-E201</b>
8port SAS 3Gb/s
<b>S26361....(Wasat)</b>
8 port SAS RAID Controller

**3,5" SAS HDDs**

<b>S26361-F3291-E514</b>
HD 146GB 15krpm 3.5"
<b>S26361-F4005-E530</b>
HD 300GB 15krpm 3.5"
<b>S26361-F4005-E545</b>
HD 450GB 15krpm 3.5"
<b>S26361-F4005-E560</b>
HD 600GB 15krpm 3.5"

**VGA Card**

<b>S26361-F2748-E637</b>
PY VGA card 512MB PCI-e x1

C

**Section 6 VI Accessible drives**



Setup PRIMERGY RX100 S6 by ServerStart is supported with following configurations:

<b>no DVD, no CD:</b> remote installation only ( PXE service & DHCP server required)
<b>built in DVD or USB DVD:</b> UNC Network share reachable or USB Floppy or MemoryBird connected



If installation is done locally, make sure you have internal or external FDD available for driver installation.

Following USB Components are available	
1) USB DVD SM / Blu-Ray	
External SuperMulti Drive (as soon as released)	S26341-F103-L119
External Blu-Ray Drive (as soon as released)	S26341-F103-L120
2) FDD USB (external):	S26391-F264-L226
external USB FDD	(USB cable included)
3) USB Keyboard:	S26381-K340-V120
KBPC PX D, professional keyboard	
4) USB Mouse:	S26381-K415-L100
Optical Wheel Mouse Tilt USB/PS2	
5) USB Memorybird:	
MyUSBS A910 8GB	S26391-F6048-L208
MyUSBS A910 16GB	S26391-F6048-L216

<b>S26361-F3269-E2</b>
DVD-RW supermulti slim SATA
all formats, DUAL/DL, DVD-RAM
only W2K, W3K and Linux
0.5 x 5.25", black bezel
max. 1x per system

<b>S26361-F3531-E2</b>
Blu-ray Combo slim SATA
6x BD-ROM, 16x DVD, 40x CD
BD DL and all CD/DVD formats
0.5 x 5.25", black bezel
max. 1x per system

D

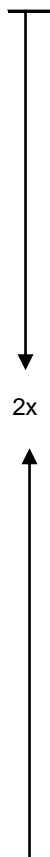
D

**Section 7 VII Hard disk drives**

**SAS/SATA LFF HDD (3.5"): SAS HDDs Require SAS Controller!**

D

Mixed HDD configurations between ECO SATA and SAS is not released



<b>SAS 6Gb/s 3.5" with hot plug/hot replace tray</b>	
300GB 10000rpm,<4,5ms, 8MB Cache	<a href="#">S26361-F4005-E530</a>
450GB 10000rpm,<4,5ms, 8MB Cache	<a href="#">S26361-F4005-E545</a>
600GB 10000rpm,<4,5ms, 8MB Cache	<a href="#">S26361-F4005-E560</a>
<b>max. 2x per system</b>	

<b>S26361-F3291-E514</b>
HD 146GB 15krpm 3.5"
15.000rpm,<4ms, 8MB Cache
<b>SAS 3Gb/s</b>
hot plug/hot replace tray
<b>max. 2x per system</b>



SAS HD requires SAS Controller

<b>Business Critical (BC) SATA 3Gb/s HD 3.5" with hot plug/hot replace tray</b>	
250GB 7.200rpm,<9,0ms, 8MB Cache	<a href="#">S26361-F3294-E250</a> ★
500GB 7.200rpm,<9,0ms, 8MB Cache	<a href="#">S26361-F3294-E500</a> ★
750GB 7.200rpm,<9,0ms, 8MB Cache	<a href="#">S26361-F3294-E750</a> ★
1000GB 7.200rpm,<9,0ms, 8MB Cache	<a href="#">S26361-F3294-E100</a> ★
2000GB 7.200rpm,<9,0ms, 8MB Cache	<a href="#">S26361-F3294-E200</a> ★
<b>max. 2x per system</b>	

F

**SAS / SATA SFF (2.5") Base Unit: SAS HDDs Require SAS Controller!**

**Mixed HDD configurations between ECO SATA and SAS is not released**

<b>S26361-F3298-E32</b> SSD 32GB <b>SATA 3Gb/s</b> hot plug/hot replace tray max. 4x per base unit	<b>S26361-F3298-E64</b> SSD 64GB <b>SATA 3Gb/s</b> hot plug/hot replace tray max. 4x per base unit
--	--

<b>ECO SATA 3Gb/s HD 2.5" with hot plug/hot replace tray</b>	
160GB 5.400rpm,<10,5ms, 8MB Cache	<a href="#">S26361-F3297-E160</a>
320GB 5.400rpm,<10,5ms, 8MB Cache	<a href="#">S26361-F3297-E320</a>
max. 4x per base unit	

**i** Mix of ECO SATA with SAS HDDs is not possible !

<b>Business Critical (BC) SATA 3Gb/s HD 2.5" with hot plug/hot replace tray</b>	
160GB 7.200rpm,<10,5ms, 8MB Cache	<a href="#">S26361-F3601-E160</a>
250GB 7.200rpm,<10,5ms, 8MB Cache	<a href="#">S26361-F3601-E250</a>
500GB 7.200rpm,<10,5ms, 8MB Cache	<a href="#">S26361-F3601-E500</a>
1000GB 7.200rpm,<10,5ms, 8MB Cache	<a href="#">S26361-F3601-E100</a>
max. 4x per base unit	

as soon as available

4x

F

<b>Business Critical (BC) SATA 3Gb/s HD 2.5" with hot plug/hot replace tray</b>	
160GB 7.200rpm,<10,5ms, 8MB Cache	<a href="#">S26361-F3601-E160</a>
250GB 7.200rpm,<10,5ms, 8MB Cache	<a href="#">S26361-F3601-E250</a>
500GB 7.200rpm,<10,5ms, 8MB Cache	<a href="#">S26361-F3601-E500</a>
1000GB 7.200rpm,<10,5ms, 8MB Cache	<a href="#">S26361-F3601-E100</a>
max. 4x per base unit	

as soon as available

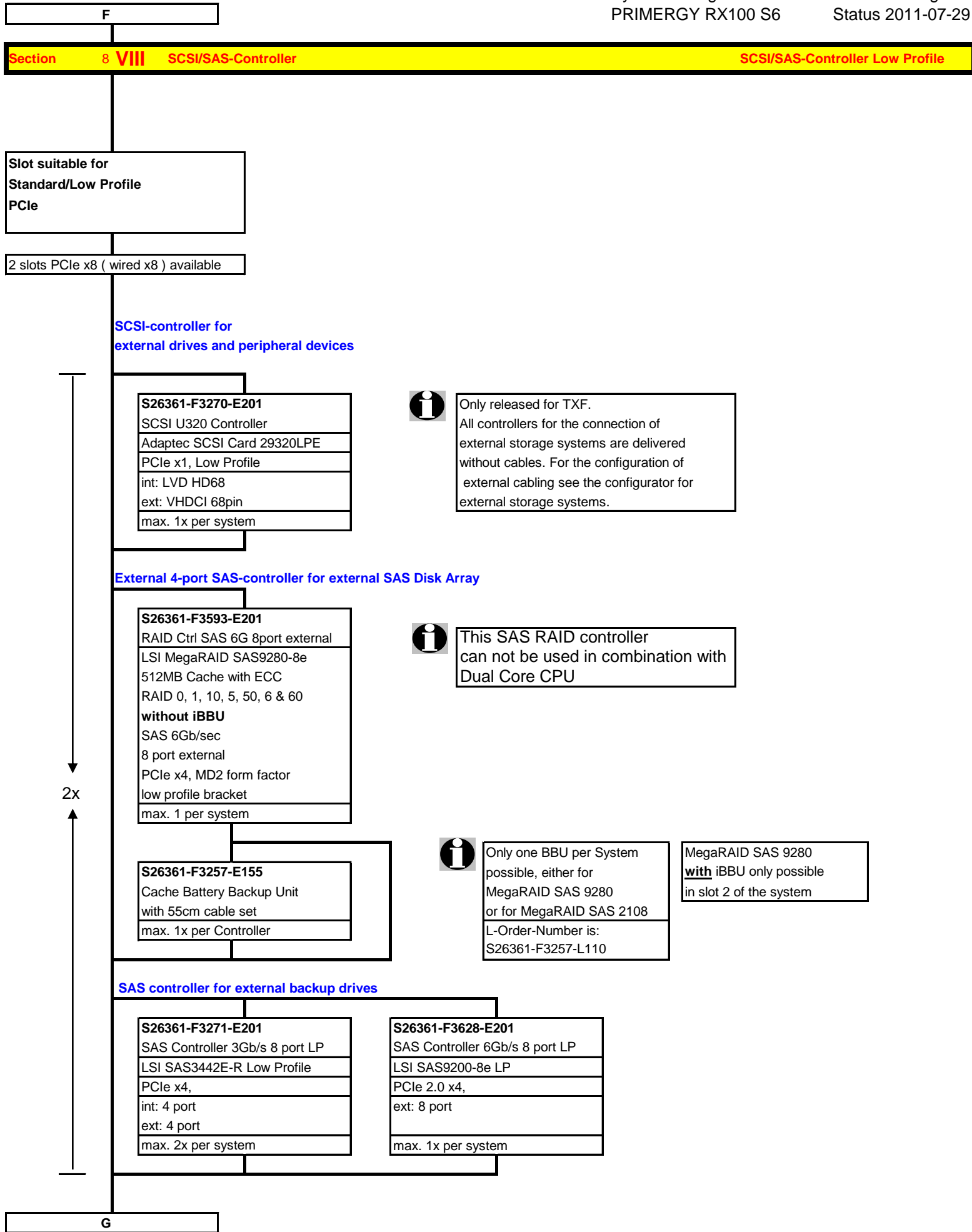
<b>SAS 6Gb/s 2.5" with hot plug/hot replace tray</b>	
146GB 10000rpm,<4,5ms, 8MB Cache	<a href="#">S26361-F4482-E114</a>
300GB 10000rpm,<4,5ms, 8MB Cache	<a href="#">S26361-F4482-E130</a>
450GB 10000rpm,<4,5ms, 8MB Cache	<a href="#">S26361-F4482-E145</a>
600GB 10000rpm,<4,5ms, 8MB Cache	<a href="#">S26361-F4482-E160</a>
900GB 10000rpm,<4,5ms, 8MB Cache	<a href="#">S26361-F4482-E190</a>
73GB 15krpm,<4,5ms, 8MB Cache	<a href="#">S26361-F4482-E573</a>
146GB 15krpm,<4,5ms, 8MB Cache	<a href="#">S26361-F4482-E514</a>
max. 4x per base unit	

**i** configuration of SAS-HDDs requires SAS RAID controller

as soon as available

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**Sections 9 IX Disk Array**

**SATA Configuration**

**i** SATA Base Units contains a 6-port (5 in use) on-board SATA controller supporting RAID Levels 0, 1, 10  
**SATA RAID is not supported by VMWare**

**SAS Configuration**

**i** you can choose between two types of SAS controller for the Base Unit:  
 - LSI 1068e / 2008 based Modular RAID 0,1 (IME)  
 - LSI 2108 based Modular RAID 0, 1, 10, 5, 50, 6, 60  
**if you want to use SAS harddisks one Controller is required**

Controller for LFF (3.5") or SFF (2.5") HDD - mandatory for SAS HDD

1x

<b>S26361-F3257-E4</b>
4 port SAS RAID Controller
LSI
MegaRAID SAS 1064
RAID 0, 1 & 1E
no controller cache
SAS 3Gb/sec
4 internal ports
PCIe x4, 160mm
without bracket
max. 1x per system

<b>S26361-F3554-E8</b>
RAID Ctrl SAS 6G 8port internal
Based on chip LSISAS2008
LSI MegaRAID
no Cache, no BBU
RAID 0, 1 & 1E
Support for 3Gb/s and 6Gb/s
SATA and SAS hard drives
PCIe x4
Low-profile MD2 form factor
max. 1x per system

<b>S26361-F3554-E512</b>
RAID Ctrl SAS 6G 8port internal
Based on chip LSISAS2108
LSI MegaRAID
512MB Cache with ECC
RAID 0, 1, 10, 5, 50, 6, 60
optional BBU
Support for 3Gb/s and 6Gb/s
SATA and SAS hard drives
PCIe x4
Low-profile MD2 form factor
max. 1 per system

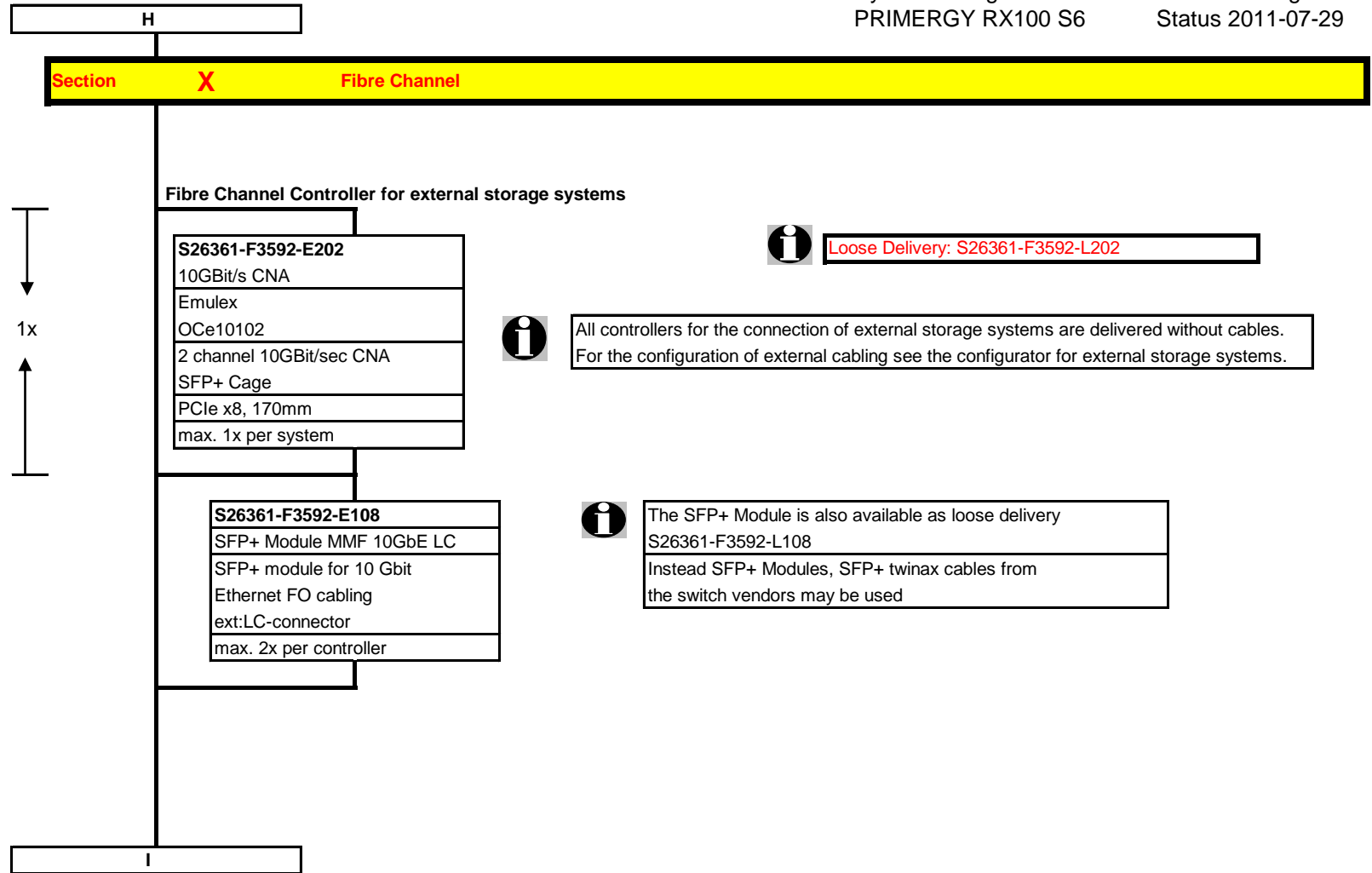
**i** RAID Controller Loose delivery (F3257-L4, F3554-L8/L512) requires RAID KIT  
**RAID Upgrade Kit** consisting of Bracket and Cable  
**S26361-F4414-L1**

**i** Only one BBU per System possible, either for MegaRAID SAS 9280 or for MegaRAID SAS 2108  
 L-Order-Number is:  
**S26361-F3257-L110**

<b>S26361-F3257-E155</b>
Cache Battery Backup Unit
max. 1x per Controller

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**Section # XI Communication / Network Communication / Network Low Profile**

Dual Gigabit Ethernet Contr.  
 onboard  
 Intel LAN  
 ext: 2x RJ 45 connector



**Teaming: Failover, Load Balancing**  
 The Intel LAN Controllers 1000GT, 1000MF, 1000PT, 1000PF can be used with the on-board controller in Teaming Mode  
 Using **VMWare**, only one of both onboard LAN Ports is supported.

2 slots PCIe x8 ( wired x8 ) available

**A) PCI-Express Desktop Adapter**

**S26361-F3516-E201 (Shelter Island)**  
 Gigabit Ethernet Controller 1000TX LP  
 Eth Ctrl 1x1Gbit PCI-e Gigabit CT DT Cu LP  
 Intel® Gigabit CT Desktop Adapter  
 PCIe x1  
 ext: for RJ45-connector, Cat 5  
 max. 2x per system

**B) PCI-Express Adapter 1000TX/SX**

**S26361-F3241-E201 (Glyndon )**  
 Gigabit Ethernet Contr. 1000TX  
 Eth Ctrl 1x1Gbit PCI-e Pro/1000PT Cu LP  
 Intel PRO/1000 PT Server Adaptor  
 PCIe x1  
 ext: for RJ45-connector, Cat 5  
 max.2x per system

**S26361-F3242-E201 (Sheepshead Bay)**  
 Gigabit Ethernet Contr. 1000SX  
 Eth Ctrl 1x1Gbit PCI-e Pro/1000PF LC LP  
 Intel PRO/1000 PF Server Adapter  
 PCIe x4  
 ext:LC-connector  
 max.2x per system

max 2

**S26361-F3610-E202 (Kawela dual)**  
 Gigabit Ethernet Controller Dual 1000TX LP  
 Eth Ctrl 2x1Gbit PCIe x4 D2735-2 Cu lp  
 Intel Kawela based 2 port Server Adapter  
 PCIe x4, Low Profile  
 ext: for RJ45-plug, Cat 5  
 max. 2x per system



Loose delivery with:  
**S26361-F3610-L502**

**C) Quad Port PCIe Adapter 1000TX**

**S26361-F3611-E201 (Barton Hills Quad)**  
 Gigabit Ethernet Controller Quad 1000TX LP  
 Eth Ctrl 4x1Gbit PCIe x4 D2745 Cu lp  
 Intel Barton Hills based 4 Port Server Ad.  
 PCIe x4, low profile  
 ext: for RJ45-plug, Cat 5  
 max. 2x per system



Loose delivery with:  
**S26361-F3611-L501**

**D) 10Gb Dual Port PCIe Adapter 1000TX**

**S26361-F3629-E202 (D2755)**  
 10 Gigabit Ethernet Contr. dual port SFP+  
 Eth Ctrl 2x10Gbit PCIe x8 D2755 SFP+  
 Intel Niantic based dual port 10Gb NIC  
 PCIe x8, Low Profile, Low Profile Bracket  
 ext: 2x SFP+ cage  
 max. Xx per system



The controller is delivered without SFP+ modules for optical cables, these must be ordered separately. Without SFP+ modules copper twinax cables are supported.  
 The adapter is also available as loose delivery with  
 FH and LP bracket included: S26361-F3629-L502



The SFP+ Module is also available as loose delivery  
 S26361-F3986-L3  
 Instead SFP+ Modules, SFP+ twinax cables from the switch vendors may be used

**S26361-F3986-E3**  
 SFP+ Module MMF 10GbE LC  
 SFP+ module for 10 Gbit  
 Ethernet FO cabling  
 ext:LC-connector  
 max. 2x per adapter

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**Section # XII System Management Products (RemoteView)**

**S26361-F1790-E241**  
**iRMC S2 advanced pack**  
 integrated remote management controller activation key for graphical console redirection and remote media redirection  
 max. 1x per system



iRMC S2 (integrated Remote Management Controller) onboard server management controller with dedicated 10/100 Service LAN-port and integrated graphics controller. The Service LAN-port can be switched alternatively on standard Gbit LAN port

**S26361-F2557-E204**  
 Local Service Panel incl. mount. kit  
 Customer Self Service CSS module incl. mounting kit  
 0.5" x 5.25"  
 max. 1x per system

**S26361-F3577-E1**  
 Opt. Front VGA + add. USB  
 consists of internal cable and front VGA + USB connector  
 max. 1x per system



Loose delivery opt front VGA  
**S26361-F3577-L1**

**Section # XIII Miscellaneous**



**Options and other peripherals**  
 For other options, refer to SystemArchitect and Pricelist  
 These options are supplied loose with the shipment  
 For suitable peripherals for this product, please refer to SystemArchitect

**Section # XIV Country specific power cord**



**Country specific power cords are not required for rack versions, except for USA&Canada. Power cords are shipped in a rack version with inlet connector for non-heating apparatus. (1x with Standard PSU)**



**T26139-Y1742-E10 USA, Canada**  
 For shipments to USA&Canada, you have to order one power cord (1,8m, grey) per power supply

End PRIMERGY RX100 S6

