

PRIMERGY RX600 S4

System configurator and order-information guide

December 2009

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Change report



PRIMERGY Server

Instructions

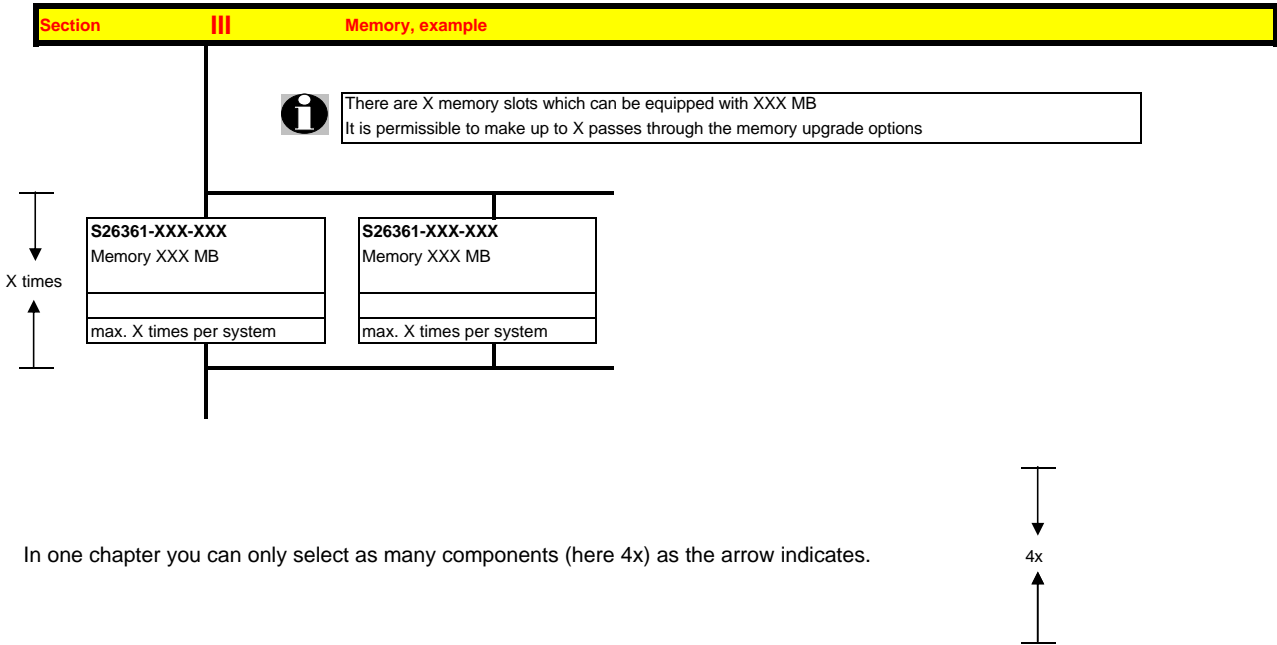
This document contains basic product and configuration information that will enable you to configure your system via PC-/System-Architect

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.



For further information see:

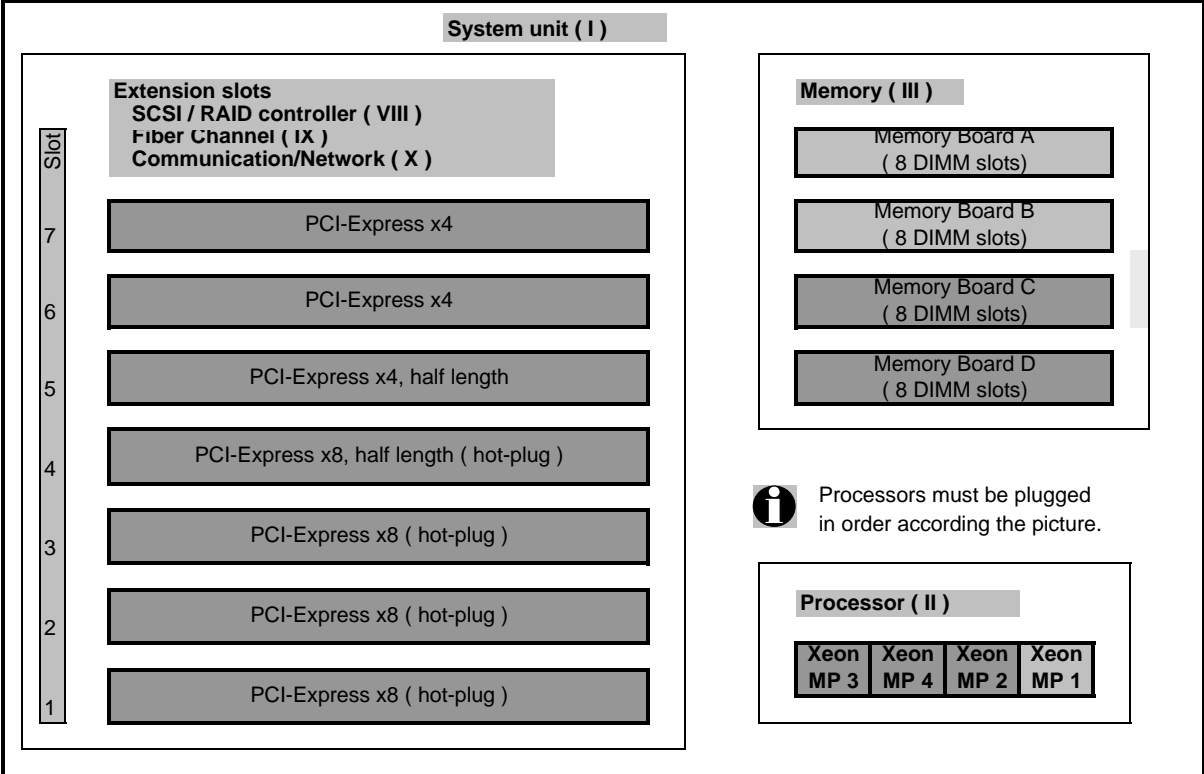
http://ts.fujitsu.com/products/standard_servers/inc (internet)

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

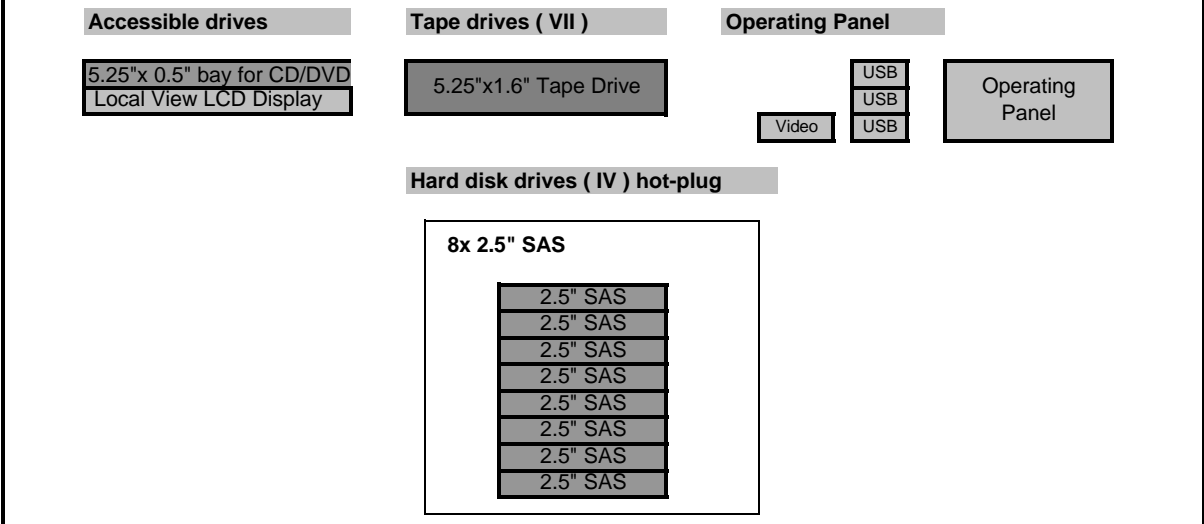
Prices and availability see price list and PC-/System-Architect.
Subject to change and errors excepted.

Configuration diagram PRIMERGY RX600 S4

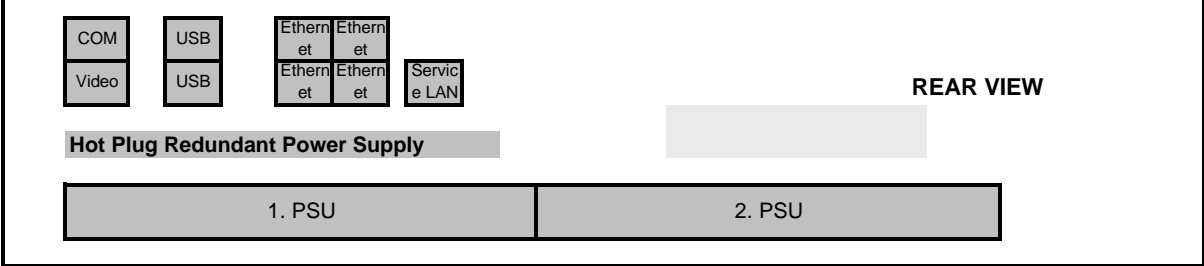
TOP VIEW



FRONT VIEW



REAR VIEW



Key:
 [Light Gray Box] Included in basic unit
 [Dark Gray Box] Option

Start "PRIMERGY RX600 S4"

SW - Configurator 32 bit

with OEM-Software
for PRIMERGY Server



Usage of OEM SW from MS is not possible under VMware

without OEM-Software
for PRIMERGY Server

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

VMware-Software
- VCMS VirtualCenter Management Server
- Virtual Infrastructure 3



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
Enterprise Edition
- Additional loose Client-Access-Licenses (CALs) (not for Web Edition)

PRIMECLUSTER *)
- Clustering
- Load Balancing

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

CITRIX-Software for Windows: W-MF
- Presentation Server
LoadBalancing
Additional User Licences

MultiPath, Duplex Data Manager (DDM)
W2K; W2K3 Linux (W-DDM)



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

Manageability Software: V
- RemoteView Software
- RemoteView Service Board
- vPMS 2006std
- Altiris Server Deployment

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

Find detailed software configurators and release lists (OS-matrix / system management) under following addresses:

for internal users:
for partners:

Continue with PRIMERGY HW configurator

Start "PRIMERGY RX600 S4"

SW Configurator EM64T

with OEM-Software
for PRIMERGY Server



Usage of OEM SW from MS is not possible under VMware

without OEM-Software
for PRIMERGY Server

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

VMware-Software
- VCMS VirtualCenter Management Server
- Virtual Infrastructure 3



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

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

only EM64T **Linux - Software *) (**)**
- SuSE Linux ES (OEM): LO
- SuSE Linux ES (Support): LS
- Red Hat EL (OEM): LO
- Red Hat EL (Support): LS

only EM64T **MultiPath, Duplex Data Manager (DDM)**
Windows, Linux (W-DDM)



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

only EM64T **Manageability Software: V(**)**
- RemoteView Software
- RemoteView Service Board
- RemoteView Diagnosis
- vPMS 2006std

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

for internal users:
for partners:

Continue with PRIMERGY HW configurator

Start PRIMERGY RX600 S4

| | |
|----------------|-------------------|
| Section | Basic unit |
|----------------|-------------------|

PRIMERGY RX600 S4

Rack unit 4U with

- 2 hot-plug power supplies (redundant)
- redundant hot-plug fans
- LCD-Display for LocalView (Service Display)
- 1 bay (0,5" height) for CD- or DVD-ROM
- 1x 5.25" bays FH (1,6" high) for accessible drives
- 8 bays for 2.5" SAS HDD's
- 2 memory boards (3rd / 4th as option)
- no Rack- mounting kit included

- CPU and memory of basic units selectable via base CPU / memory order codes

Base unit wo/ CPU, Memory **S26361-K998-V200**

Systemboard with

- Intel 7300 chipset with 1067MHz Frontside Bus
- 7 PCIe Slots
- 4x PCIe x8 (hot plug)
- 3x PCIe x4
- SAS RAID 5 Controller with 512MB Cache (BBU as option)
- 2x Dual-Port GBit LAN Controller on-board (4 ports, WOL-capable)
- integrated Remote Management Controller (iRMC S2)
- 32MB attached memory with graphics controller and 10/100Mbit Service LAN-port
- ServerView Suite Software package incl. ServerStart, ServerBooks, Management Software and Updates

Interfaces:

Front side
 3x USB 2.0
 1x VGA (15 pin)

Rear Side
 2x USB 2.0
 1x VGA (15 pin)
 1x RS-232-C (serial, 9 pin)
 4x RJ45 (on board LAN)
 1x RJ45 (on board service LAN)
 no PS/2 connection for KB / Mouse
 (USB connectivity must be used instead)

S26361-F3436-E4
 no TPM
 Disable function for Trusted Platform
 Use according to import restrictions
 max. 1x per system

S26361-F2735-E106
 RMK_F1_RX600
 telescopic rail, full extraction,
 1-hand-mounting
 consisting of
 - 1 pair of telescopic rails
 with easy-mounting-clips
 1x per system

S26361-F2735-E111
 No Rackmount-Kit option
 Only for loose deliveries
 No mounting in Racks possible
 max. 1x per system

A

S26361-F2735-E7
 Cable management PC-Rack
 - for FSC Primecenter /
 Datacenter Racks
 - not for 3rd party
 1x per system

S26361-F2201-E20
 Cable arm 3rd P-Rack
 - for 3rd party
 1x per system

S26361-F2735-L106
 RMK_F1_RX600
 for loose delivery

S26361-F2735-L7
 Cable management PC-Rack
 for loose delivery

S26361-F2201-L20
 Cable arm 3rd party racks
 for loose delivery

PRIMERGY PRIMECENTER- Rack

SNP:SY-F1647E301-P

Installation ex works for one server or subsystem.
Hereby the rack will be delivered completely pre-mounted and
 With racks 12U, 24U, 38U:
 Systems and components will be delivered installed in the rack
 With racks 46U:
 Systems and components will be delivered separately
 To be ordered only together with a PRIMERGY-PRIMECENTER rack
 e.g.:
 S26361-K826-V10x
refer configurator DC-Rack
 max. 1x per System

Rack Mounting kit for PRIMERGY RX600 S4 must be ordered separtly

S26361-F2735-E106 RMK_F1_RX600
 This kit allows for mounting of RX600 S4 in in FSC 19" DataCenter- and PRIMECENTER- racks and all server racks conforming to EIA standard EIA-310-D for 19" racks. Therefore the mounting kit is variable in depth from 708 +/- 2 bis 786 +/- 2 mm

- 1 pair of telescopic rails full extraction
- 1 Vario carrier DC-PC-3rd party Rack allows toolless adjustable in depth and easy mounting
- 1 bracket PRIMECENTER and DataCentre-Racks is part of the server delivery

Installation in PRIMERGY 19" Classic rack is not possible.
 Additionally cable management must be ordered:
S26361-F2735-L7 Cable management for DC-PC-racks
 or optional
S26361-F2201-L20 Cable management arm for 3rd party racks

PRIMERGY 42/23U rack
PRIMERGY Classic 19" rack is not supported

"Rack-mounting ex factory"
 This service is to be ordered once per installable server/storage subsystem, in order to get the mounted into the PRIMERGY racks. In case of the 46 U PRIMERGY rack, this service has to be ordered, to get the mounting kits and the cables installed.

Connection for KVM switch / Rack console

- RC23 can be directly connected (via USB connection)
- KVM S2 series needs the KVM S2 Adapter USB<->VGA
- Appropriate FSC USB keyboard is S26381-K340-V1*

This keyboard also needs USB cable T26139-Y3812-V1

A

A

Section II Processor



A 4-way processor system requires a multi-processor operating system
 Later upgrading to a four-way-processor system is also possible
 Extension CPUs must have identical cache size and clock rate

*while stocks last

| | |
|--|--------------------------|
| Following CPU's can be configured max. 4x per system | |
| As minimum one CPU must be configured | |
| Dual-Core CPU's | |
| - 1x 64-bit Intel Xeon MP with 2x 4MB shared SLC (= Second Level Cache), 1066MHz FSB incl. passive heat sink occupies socket for one CPU | |
| Xeon MP E7220 (2 cores 2.93GHz, 2x4M, 90W) | S26361-F3487-E220 |
| Quad-Core CPU's | |
| - 1x 64-bit Intel Xeon MP (1066MHz FSB) 2x 2MB / 2x 3MB / 2x 4MB SLC, 1066MHz FSB incl. passive heat sink occupies socket for one CPU | |
| Xeon MP E7310 (4 cores 1.60GHz, 2x2M, 90W) | S26361-F3487-E310 |
| * Xeon MP E7330 (4 cores 2.40GHz, 2x3M, 90W) | S26361-F3487-E330 |
| * Xeon MP X7350 (4 cores 2.93GHz, 2x4M, 130W) | S26361-F3487-E350 |
| Hexa- / Quad-Core CPU's | |
| - 1x 64-bit Intel Xeon MP (1066MHz FSB) 3x 3MB L2 cache, 12MB / 16MB shared L3 Cache, 1066MHz FSB incl. passive heat sink occupies socket for one CPU | |
| Xeon MP E7430 (4 cores 2.13GHz, 12M, 90W) | S26361-F3487-E430 |
| Xeon MP E7450 (6 cores 2.40GHz, 12M, 90W) | S26361-F3487-E450 |
| Xeon MP X7460 (6 cores 2.67GHz, 16M, 130W) | S26361-F3487-E460 |

B

Section III Memory



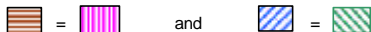
Max. Capacity / Features

The system can be equipped with up to 4 memory boards with 8 memory slots each (= 32 DIMM slots max.). Each DIMM slot can optionally be equipped with 1GB, 2GB, 4GB or 8GB FBDIMM modules, so the maximal memory extension is 256GB with 8GB modules on 4 Memory Boards. ECC with SDDC (Chipkill) is standard for RX600 S4. Optional hot-spare memory functionality (redundant memory bank n + 1) and memory protection through Memory Mirroring can be configured in the BIOS.

Configuration rules

The memory area is logical divided into 2 branches with 2 channels each and 8 DIMM slots per channel. Memory channels are identical with the physical memory boards and slot numbers match to logical bank numbers. So first slot of each channel respectively board belongs to memory bank 1, the second bank 2 and so forth.

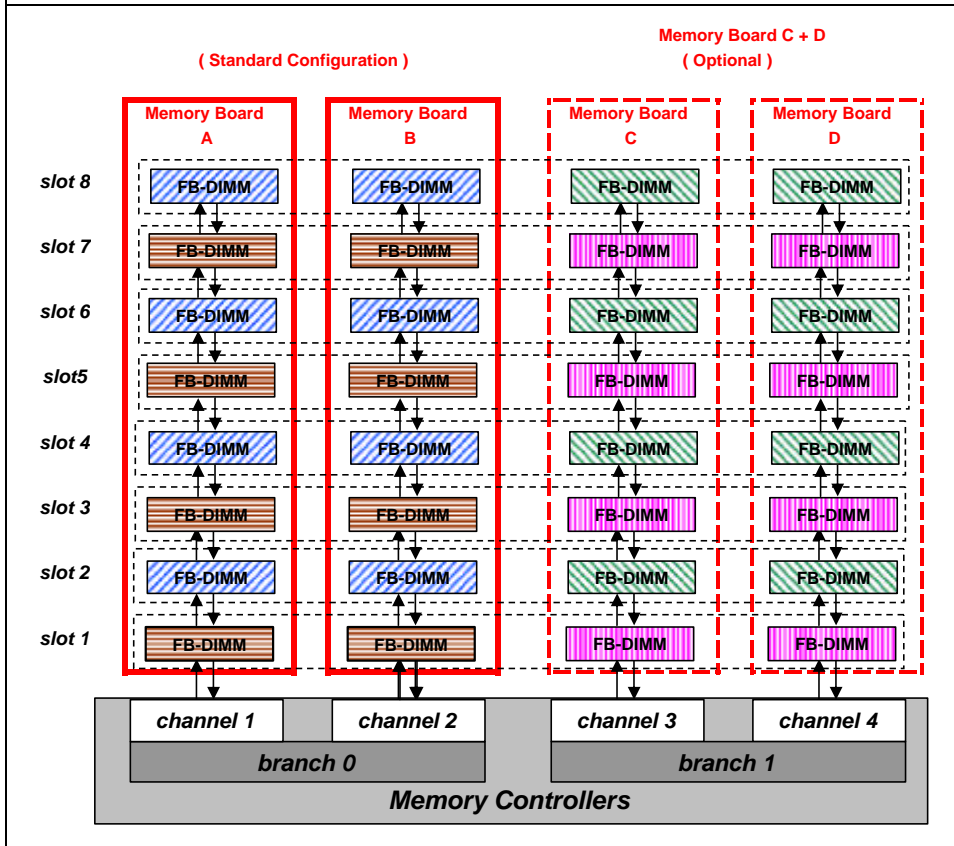
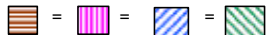
For Memory Mirroring mode, optional memory board upgrade kit must be ordered, and identical memory modules pairs are necessary in branch 0 & 1 on each bank.

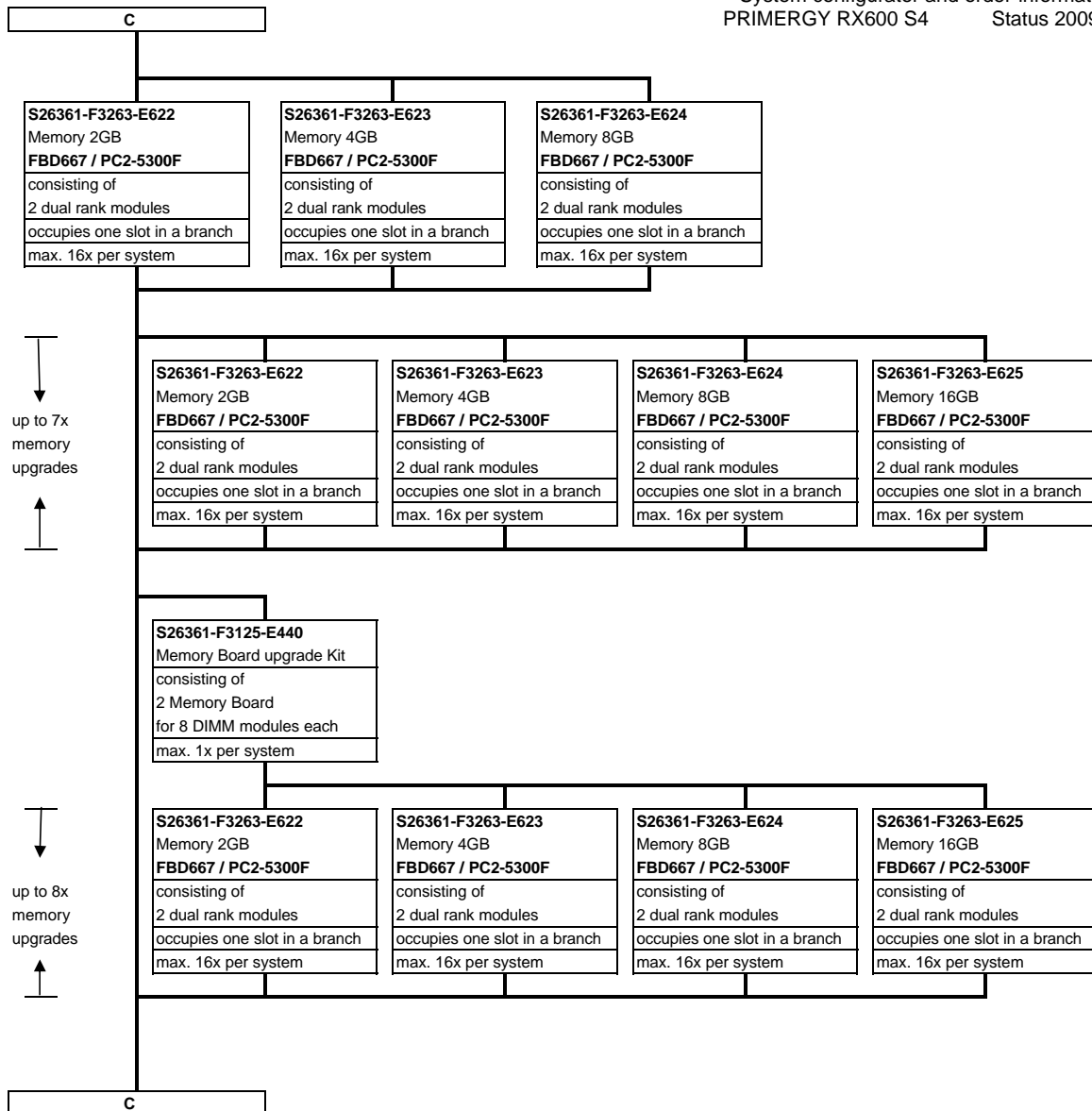


- The function Memory Mirroring can be configured per BIOS setup. For mirrored memory configurations the following items have to be considered:
- only 50% of the configured memory are really available as memory space
 - After non-correctable or too many correctable errors, the mirror takes over immediately and the system remains online.
 - in mirror configurations system operates with 2-way interleave only, therefore potentially not max. performance

To reach max performance, it's recommended to configure optional memory board upgrade kit and distribute the memory module over all 4 board to enable 4-way interleaving

In general it is recommended to use identical capacities over the branches / channels.





C

Section IV on-board SAS Controller

Overview internal SAS / SCSI-cabling of a PRIMERGY RX600 S4 Base Unit

Eight SAS ports for Disks

integrated SAS RAID controller ——— 8x internal 2.5" SAS HDD

optional

SCSI Contr. ——— internal Tape Devices

SCSI Contr. ——— external Tape Devices

A. on-board SAS RAID-Controller for SAS HDD's

The system is equipped with a 8-port SAS RAID controller for the connection of the internal SAS HDD's
 This SAS RAID Controller is equipped with 512MB Cache (supporting the RAID level 0, 1, 5, 10, 50, 6, 60).
 As option, the on-board RAID Controller can be equipped with a Battery Backup Unit.

The following rules apply for the cabling:
 The cables for the connection of the SAS RAID controller to the disks in the system are included in the base unit.
 If an internal tape is configured, an additional SCSI Controller (see section "IIV Tapes devices")
 and cable is needed (see section "IV Hard disk drives / Tapes").

S26361-F3128-E420
 ROM Battery Backup Unit
 for on-board RAID controller
 max. 1x per system

E

E

Section V USB devices / optical devices

| | |
|----------|--|
| i | Setup RX600 S4 by ServerStart is supported with following configurations: |
| | no Floppy, no DVD, no CD: remote installation only (PXE service & DHCP server required) |
| | built in CD/DVD or USB CD/DVD, no Floppy disk drive: UNC Network share reachable or USB Floppy connected |
| | built in Floppy or USB Floppy, no CD/DVD: USB CD/DVD connected |

| | | |
|--|--|--|
| i | Following USB Components are available | |
| | 1) USB DVD+-RW: External SuperMulti Drive | S26341-F103-L82 (USB cable included) |
| | 2) FDD USB (external): external USB FDD | S26391-F264-L226 (USB cable included) |
| | 3) USB Keyboard: KBPC PX D, professional keyboard | S26381-K340-V120 |
| | 4) USB Mouse: Optical Wheel Mouse Tilt USB/PS2 | S26381-K415-L100 |
| | 5) USB Memorybird: Memorybird 4GB | S26391-F6047-L104 |
| Additionally a monitor can be connected to the VGA 15-pin interface. | | |

1x

| | | |
|--|--|--|
| S26361-F3123-E1 CD-RW / DVD drive 0.5" 24/24/24x / 8x ATAPI CD-RW only with W2K, W3K, Linux 0.5 x 5.25", anthracite bezel max. 1x per system | S26361-F3236-E1 DVD-RW 8x super multi drive all formats, DUAL/DL, DVD-RAM only W2K, W3K and Linux 0.5 x 5.25", anthracite bezel max. 1x per system | S26361-F3531-E1 Blu-ray Combo slim SATA 6x BD-ROM, 16x DVD, 40x CD BD DL and all CD/DVD formats 0.5 x 5.25", anthracite bezel max. 1x per system |
|--|--|--|

1x

| |
|--|
| S26361-F3269-E1 DVD-RW supermulti slim SATA all formats, DUAL/DL, DVD-RAM only W2K, W3K and Linux 0.5 x 5.25", anthracite bezel max. 1x per system |
|--|

Section VI Hard disk drives

max. 8

| | |
|--|--|
| S26361-F3208-E173 HD 73GB 10krpm 2.5" 10000rpm, <4,5ms, 8MB Cache SAS 3Gb/s hot plug/hot replace tray max. 8x per base unit | S26361-F3208-E114 HD 144GB 10krpm 2.5" 10000rpm, <4,5ms, 8MB Cache SAS 3Gb/s hot plug/hot replace tray max. 8x per base unit |
| S26361-F3208-E536 HD 36GB 15krpm 2.5" 15000rpm, <4,5ms, 8MB Cache SAS 3Gb/s hot plug/hot replace tray max. 8x per base unit | S26361-F3208-E573 HD 73GB 15krpm 2.5" 15000rpm, <4,5ms, 8MB Cache SAS 3Gb/s hot plug/hot replace tray max. 8x per base unit |

F

F

Section VII Tapes devices

1x

| |
|-------------------------------|
| S26361-F3857-E1 |
| RDX drive USB 5.25" internal |
| 80-320GB, 25MB/s, USB 2.0 |
| Connector: USB "B" |
| with USB cable |
| incl. description (Ger/US) |
| without RDX cartridges |
| 1.6 * 5.25", anthracite bezel |
| max. 1x per system |

i RDX cartridges must be ordered separately
 RDX 80GB = S26361-F3857-L80
 RDX 160GB = S26361-F3857-L160
 RDX 320GB = S26361-F3857-L320

| |
|----------------------------|
| S26361-F3257-E4 |
| 4 port SAS RAID Controller |
| LSI |
| MegaRAID SAS 1064 |
| no Cache, no BBU |
| RAID 0, 1 & 1E |
| SAS 3Gb/sec |
| 4 internal ports |
| PCIe x4, 160mm |
| max. 1x per system |

| |
|---|
| S26361-F2848-E3 |
| Tape drive DDS Gen5 SCSI |
| S26361-F2848-E31 (only for OBDR) |
| DDS-G5 for One button dis. recov. |
| 36GB, 3MB/s, U2W SCSI |
| Connector: HD68 |
| without cable |
| incl. description (Ger/US) |
| data and cleaning cartridge |
| 1.6 * 5.25", anthracite bezel |
| max. 1x per system |

| |
|--------------------------------|
| S26361-F3459-E3 |
| Tape drive LTO3HH Ultrium SCSI |
| 400GB, 60MB/s, U320 SCSI |
| Connector: HD68 |
| without cable |
| incl. description (Ger/US) |
| data and cleaning cartridge |
| 1.6 * 5.25", anthracite bezel |
| max. 1x per system |

| |
|-------------------------------|
| S26361-F3225-E3 |
| Tape drive DDS Gen6 SCSI |
| 80GB, 6MB/s, U160 SCSI |
| Connector: HD68 |
| without cable |
| incl. description (Ger/US) |
| data and cleaning cartridge |
| 1.6 * 5.25", anthracite bezel |
| max. 1x per system |

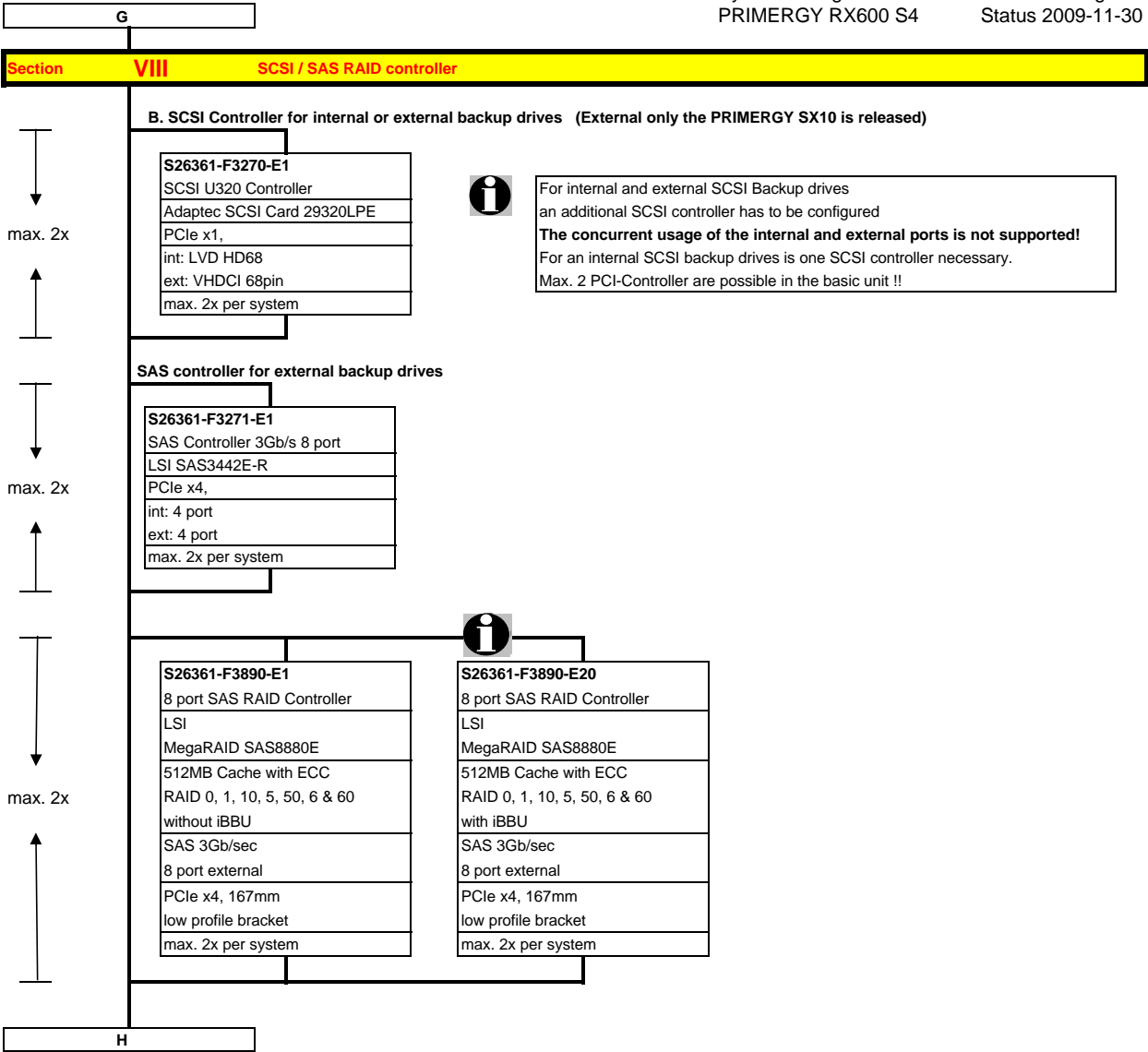
| |
|--------------------------|
| S26361-F3128-E101 |
| internal SCSI-Cable |
| for connection of |
| internal Tape devices |
| max. 1x per system |

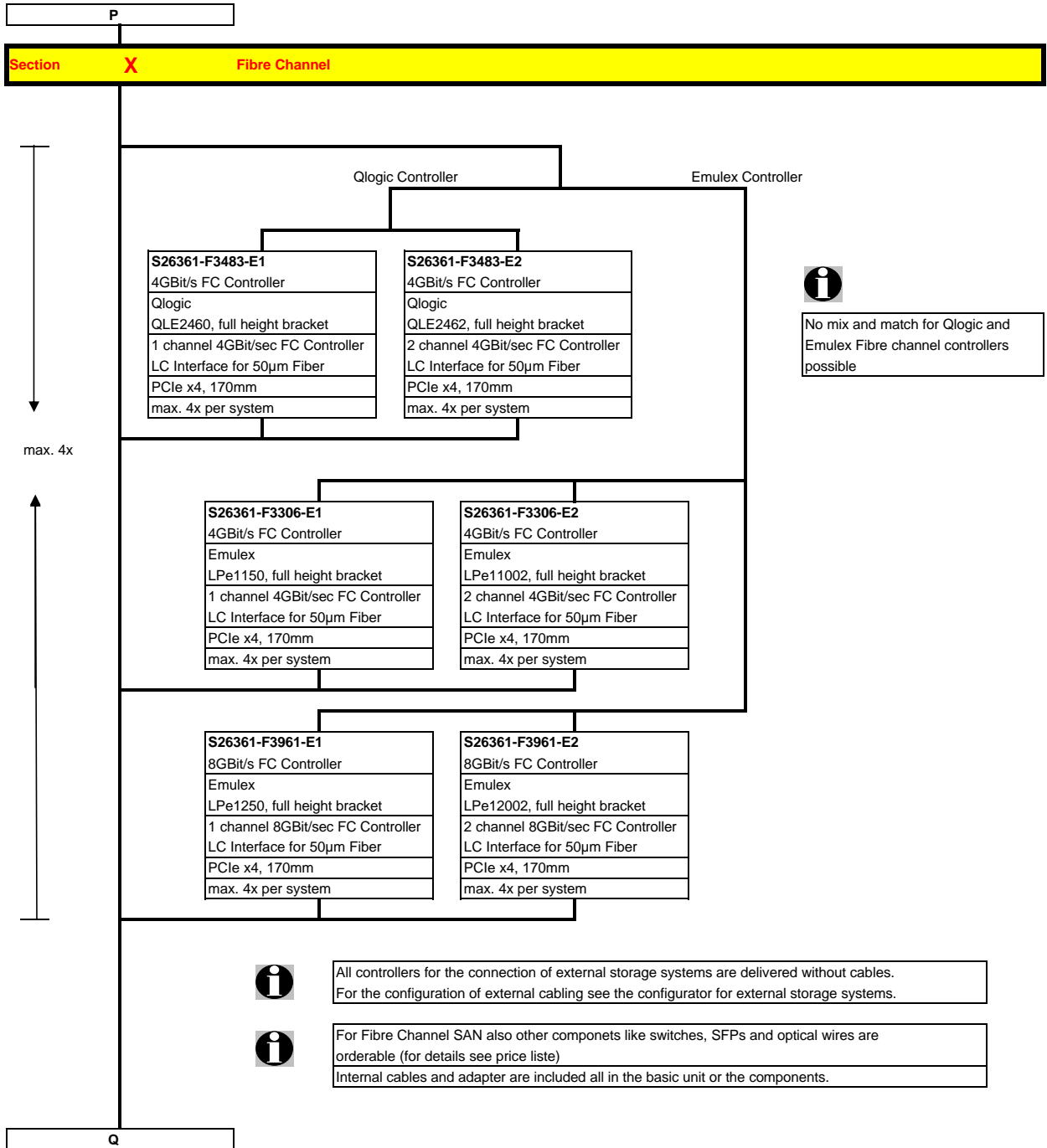
i If no SCSI Backup drive is configured ex works, for later installation the internal SCSI-Cable and the following SCSI controller has to be ordered as lose delivery
 S26361-F3128-L101
 S26361-F3270-L1

| |
|----------------------------|
| S26361-F3270-E1 |
| SCSI U320 Controller |
| Adaptec SCSI Card 29320LPE |
| PCIe x1, |
| int: LVD HD68 |
| ext: VHDCI 68pin |
| max. 1x per tape drive |

| |
|-------------------------------|
| S26361-F3963-E3 |
| Tape drive LTO4HH Ultrium SAS |
| 800GB, 120MB/s, SAS 3Gb |
| Connector: SATA |
| incl. SAS cable |
| incl. description (Ger/US) |
| data and cleaning cartridge |
| 1.6 * 5.25", anthracite bezel |
| max. 1x per system |

G





max. 4x

i
 No mix and match for Qlogic and Emulex Fibre channel controllers possible

I

Section X Communication / Network

on-board LAN Controller

| |
|---------------------------------------|
| 2x Dual Gbit Ethernet Contr. on-board |
| Intel 82563 EB (ESB2 / Gilgal) |
| Intel 82575 EB (Zoar) |
| ext: 4x RJ45 connector, Cat 5 |



Teaming: Failover, Load Balancing
 The Intel LAN Controllers Pro 1000MT, 1000MF, 1000PT, 1000PF can be used with the on-board controller in Teaming Mode. Two onboard LAN ports can likewise educate a team.

A) Single Port LAN Adapter PCIe

| | | | | | | | | | | | | | | | |
|--|-------------------------------------|--------------------------------|-------------------------------------|----------------------------------|---------|--------------------------------|--------------------|---|--|--------------------------------|-------------------------------------|----------------------------------|---------|------------------|--------------------|
| <table border="1"> <tr> <td>S26361-F3241-E1 (Glyndon)</td> </tr> <tr> <td>Gigabit Ethernet Contr. 1000TX</td> </tr> <tr> <td>Eth Ctrl 1x1Gbit PCIe Pro/1000PT Cu</td> </tr> <tr> <td>Intel PRO/1000 PT Server Adaptor</td> </tr> <tr> <td>PCIe x1</td> </tr> <tr> <td>ext: for RJ45-connector, Cat 5</td> </tr> <tr> <td>max. 4x per system</td> </tr> </table> | S26361-F3241-E1 (Glyndon) | Gigabit Ethernet Contr. 1000TX | Eth Ctrl 1x1Gbit PCIe Pro/1000PT Cu | Intel PRO/1000 PT Server Adaptor | PCIe x1 | ext: for RJ45-connector, Cat 5 | max. 4x per system | <table border="1"> <tr> <td>S26361-F3242-E1 (Sheepshead Bay)</td> </tr> <tr> <td>Gigabit Ethernet Contr. 1000SX</td> </tr> <tr> <td>Eth Ctrl 1x1Gbit PCIe Pro/1000PF LC</td> </tr> <tr> <td>Intel PRO/1000 PF Server Adapter</td> </tr> <tr> <td>PCIe x4</td> </tr> <tr> <td>ext:LC-connector</td> </tr> <tr> <td>max. 4x per system</td> </tr> </table> | S26361-F3242-E1 (Sheepshead Bay) | Gigabit Ethernet Contr. 1000SX | Eth Ctrl 1x1Gbit PCIe Pro/1000PF LC | Intel PRO/1000 PF Server Adapter | PCIe x4 | ext:LC-connector | max. 4x per system |
| S26361-F3241-E1 (Glyndon) | | | | | | | | | | | | | | | |
| Gigabit Ethernet Contr. 1000TX | | | | | | | | | | | | | | | |
| Eth Ctrl 1x1Gbit PCIe Pro/1000PT Cu | | | | | | | | | | | | | | | |
| Intel PRO/1000 PT Server Adaptor | | | | | | | | | | | | | | | |
| PCIe x1 | | | | | | | | | | | | | | | |
| ext: for RJ45-connector, Cat 5 | | | | | | | | | | | | | | | |
| max. 4x per system | | | | | | | | | | | | | | | |
| S26361-F3242-E1 (Sheepshead Bay) | | | | | | | | | | | | | | | |
| Gigabit Ethernet Contr. 1000SX | | | | | | | | | | | | | | | |
| Eth Ctrl 1x1Gbit PCIe Pro/1000PF LC | | | | | | | | | | | | | | | |
| Intel PRO/1000 PF Server Adapter | | | | | | | | | | | | | | | |
| PCIe x4 | | | | | | | | | | | | | | | |
| ext:LC-connector | | | | | | | | | | | | | | | |
| max. 4x per system | | | | | | | | | | | | | | | |

B) Dual Port LAN Adapter PCIe x4/x8

| | | | | | | | | | | | | | | | |
|--|------------------------|---|-------------------------------------|--------------------------------------|---------|---------------------------|--------------------|---|------------------------|---|------------------------------------|---|---------|------------------|--------------------|
| <table border="1"> <tr> <td>S26361-F3228-E1</td> </tr> <tr> <td>Gigabit Ethernet Controller Dual 1000TX</td> </tr> <tr> <td>Eth Ctrl 2x1Gbit PCIe PRO/1000PT Cu</td> </tr> <tr> <td>Intel Pro/1000PT dual Server Adapter</td> </tr> <tr> <td>PCIe x4</td> </tr> <tr> <td>ext: for RJ45-plug, Cat 5</td> </tr> <tr> <td>max. 4x per system</td> </tr> </table> | S26361-F3228-E1 | Gigabit Ethernet Controller Dual 1000TX | Eth Ctrl 2x1Gbit PCIe PRO/1000PT Cu | Intel Pro/1000PT dual Server Adapter | PCIe x4 | ext: for RJ45-plug, Cat 5 | max. 4x per system | <table border="1"> <tr> <td>S26361-F3505-E1</td> </tr> <tr> <td>10 Gigabit Ethernet Controller dual port LC</td> </tr> <tr> <td>Eth Ctrl 2x10Gbit PCIe x8 XF SR LC</td> </tr> <tr> <td>Intel 10 Gigabit XF SR Dual Port Server Ad.</td> </tr> <tr> <td>PCIe x8</td> </tr> <tr> <td>ext:LC-connector</td> </tr> <tr> <td>max. 2x per system</td> </tr> </table> | S26361-F3505-E1 | 10 Gigabit Ethernet Controller dual port LC | Eth Ctrl 2x10Gbit PCIe x8 XF SR LC | Intel 10 Gigabit XF SR Dual Port Server Ad. | PCIe x8 | ext:LC-connector | max. 2x per system |
| S26361-F3228-E1 | | | | | | | | | | | | | | | |
| Gigabit Ethernet Controller Dual 1000TX | | | | | | | | | | | | | | | |
| Eth Ctrl 2x1Gbit PCIe PRO/1000PT Cu | | | | | | | | | | | | | | | |
| Intel Pro/1000PT dual Server Adapter | | | | | | | | | | | | | | | |
| PCIe x4 | | | | | | | | | | | | | | | |
| ext: for RJ45-plug, Cat 5 | | | | | | | | | | | | | | | |
| max. 4x per system | | | | | | | | | | | | | | | |
| S26361-F3505-E1 | | | | | | | | | | | | | | | |
| 10 Gigabit Ethernet Controller dual port LC | | | | | | | | | | | | | | | |
| Eth Ctrl 2x10Gbit PCIe x8 XF SR LC | | | | | | | | | | | | | | | |
| Intel 10 Gigabit XF SR Dual Port Server Ad. | | | | | | | | | | | | | | | |
| PCIe x8 | | | | | | | | | | | | | | | |
| ext:LC-connector | | | | | | | | | | | | | | | |
| max. 2x per system | | | | | | | | | | | | | | | |

4x

B) Quad Port LAN Adapter PCIe x4

| | | | | | | | |
|--|------------------------|---|--------------------------------------|---------------------------------------|---------|---------------------------|--------------------|
| <table border="1"> <tr> <td>S26361-F3462-E1</td> </tr> <tr> <td>Gigabit Ethernet Controller Quad 1000TX</td> </tr> <tr> <td>Eth Ctrl 4x1Gbit PCI-X PRO/1000PT Cu</td> </tr> <tr> <td>Intel Pro/1000PT Quad Port Server Ad.</td> </tr> <tr> <td>PCIe x4</td> </tr> <tr> <td>ext: for RJ45-plug, Cat 5</td> </tr> <tr> <td>max. 3x per system</td> </tr> </table> | S26361-F3462-E1 | Gigabit Ethernet Controller Quad 1000TX | Eth Ctrl 4x1Gbit PCI-X PRO/1000PT Cu | Intel Pro/1000PT Quad Port Server Ad. | PCIe x4 | ext: for RJ45-plug, Cat 5 | max. 3x per system |
| S26361-F3462-E1 | | | | | | | |
| Gigabit Ethernet Controller Quad 1000TX | | | | | | | |
| Eth Ctrl 4x1Gbit PCI-X PRO/1000PT Cu | | | | | | | |
| Intel Pro/1000PT Quad Port Server Ad. | | | | | | | |
| PCIe x4 | | | | | | | |
| ext: for RJ45-plug, Cat 5 | | | | | | | |
| max. 3x per system | | | | | | | |



Intel Pro/1000PT Quad Port is limited to max. 3 per system due to relations with other PCIe controllers. In selected configurations, more than 3x Intel Pro/1000PT Quad Port controllers can be supported by special release on request.


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Section XI System Management Products (RemoteView)

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|--|
| 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 |

Section XII National accessories packs

 System will be shipped with two power cords ICE320 C14->C13 for rack installation.
Country specific power cords are not required.

End PRIMERGY RX600 S4

