

PRIMERGY RX100 S6

System configurator and order-information guide

March 2010

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Instructions

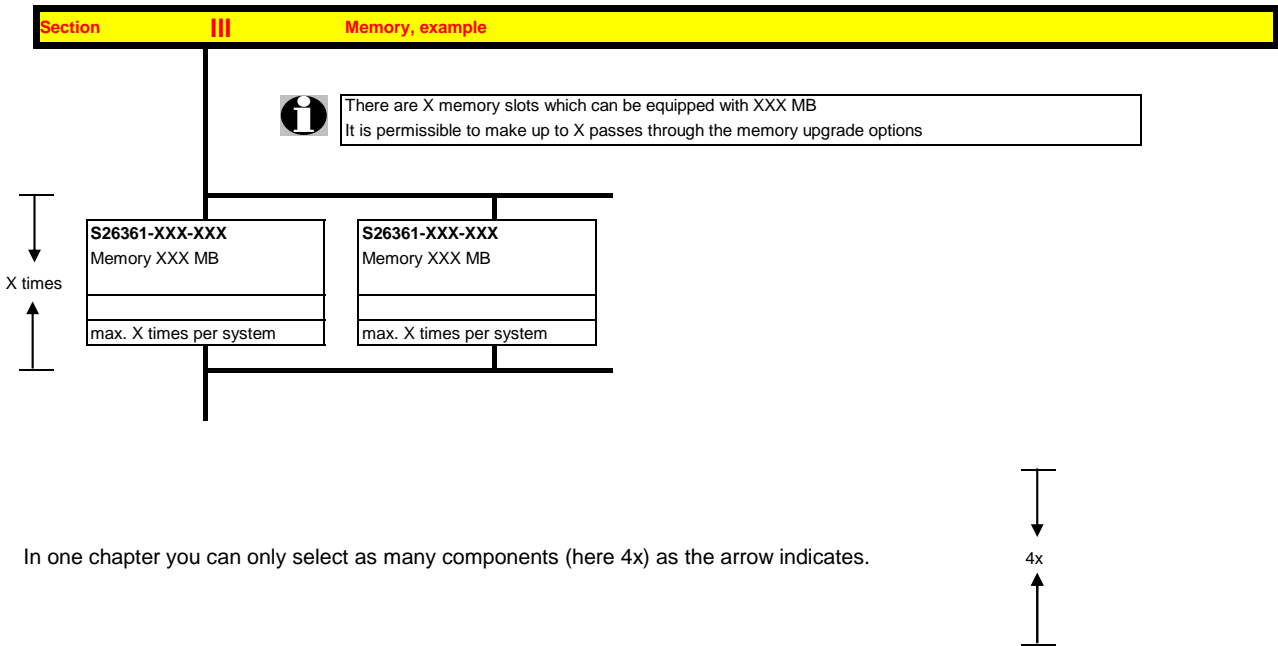
This document contains basic product and configuration information that will enable you to configure your system via PC-/System-Architect

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:

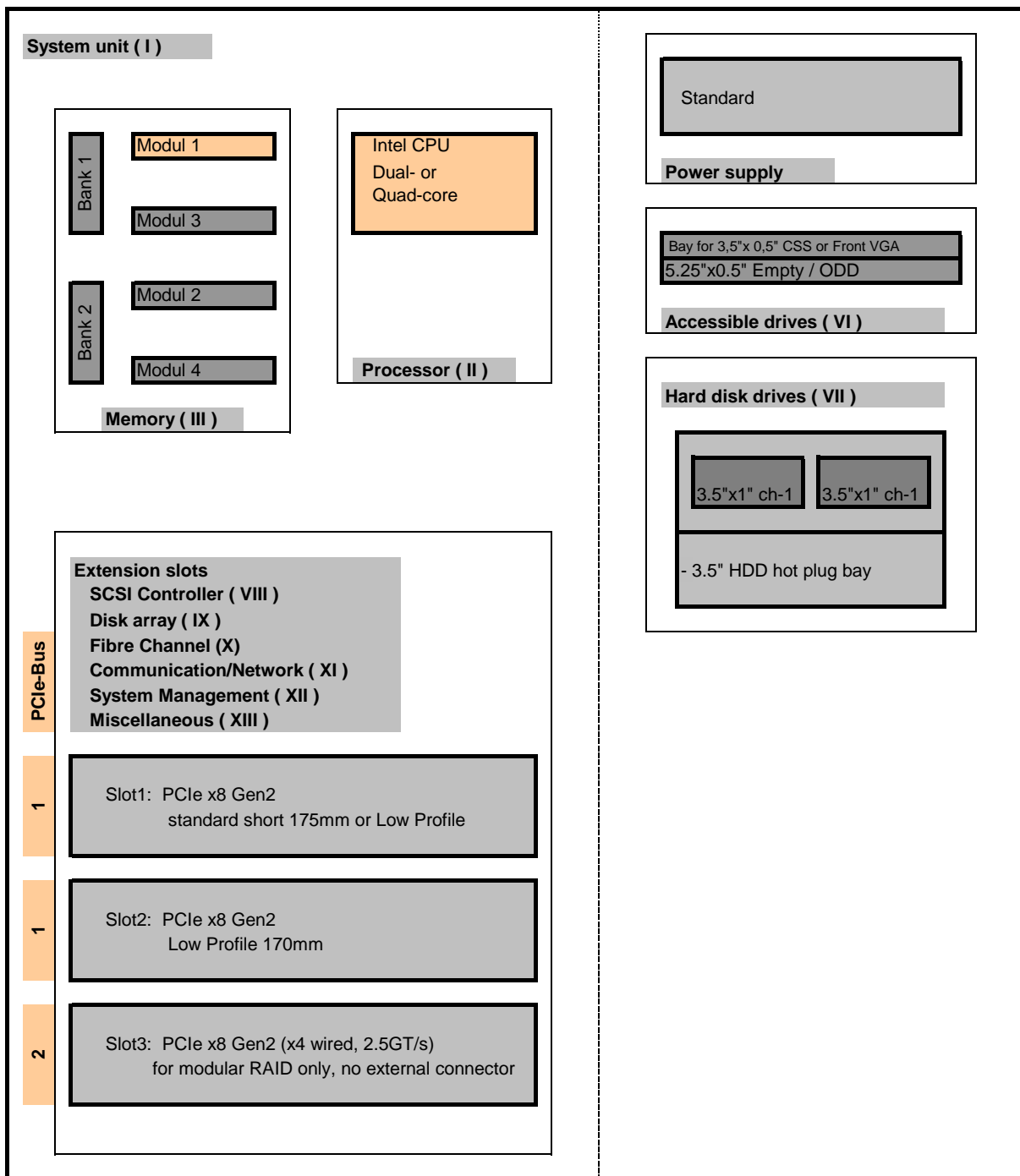
http://ts.fujitsu.com/products/standard_servers/index.html (internet)

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 RX100 S6

with 3.5" Hard disk drives

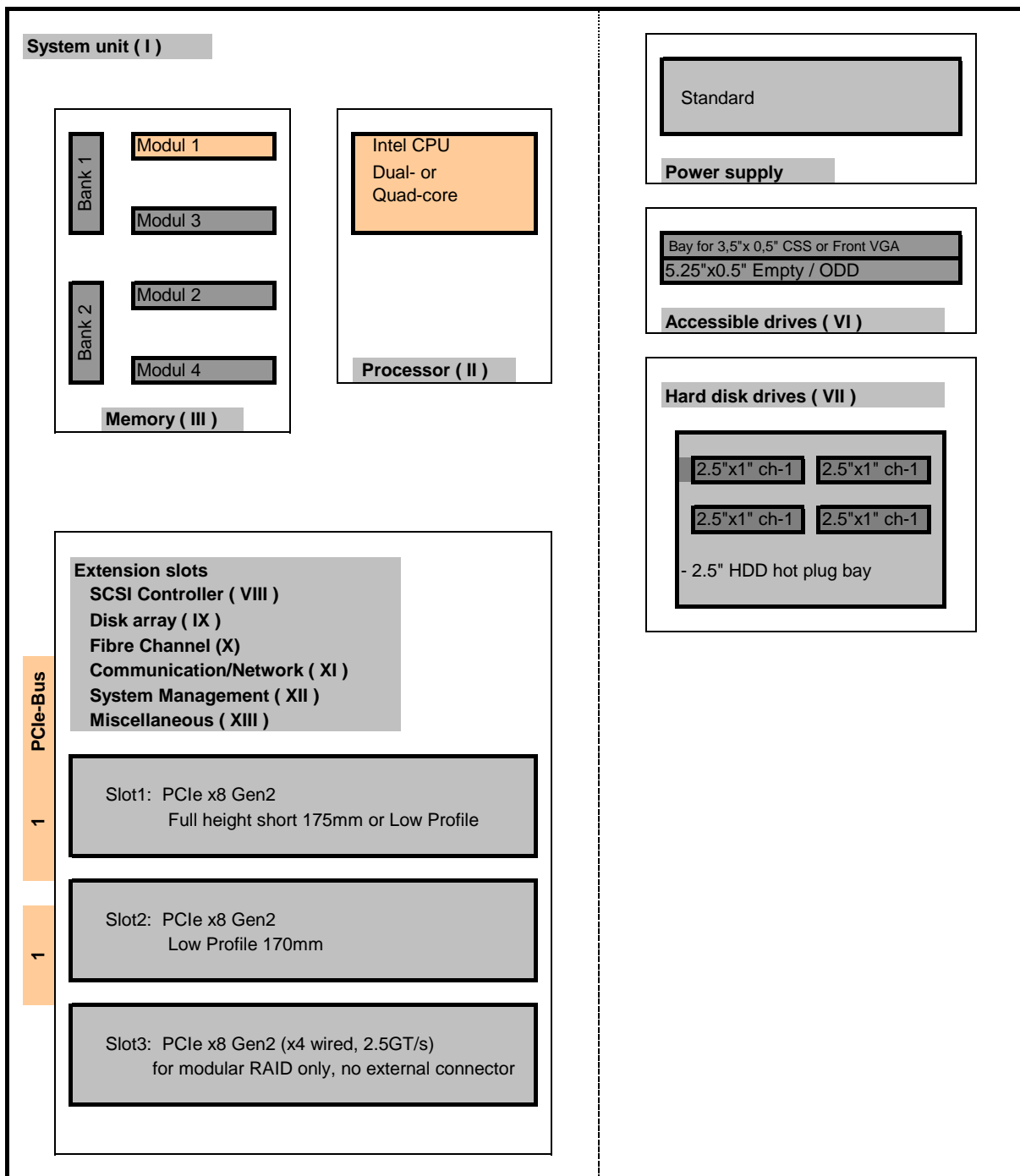


Key:

- 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

without OEM-Software
for PRIMERGY Server

VMware-Software
- VCMS VirtualCenter Management Server

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


 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

 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

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:
for partners:

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:
for partners:

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:

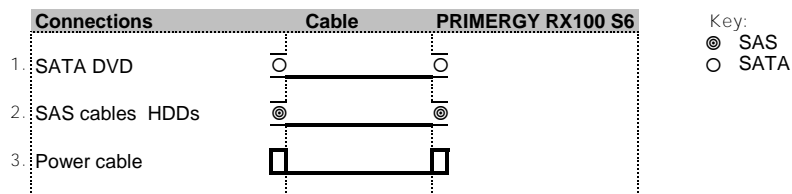
1. SATA cable for ODD
2. SATA/SAS cables for up to 4 HDDs
3. Power cable

Software:

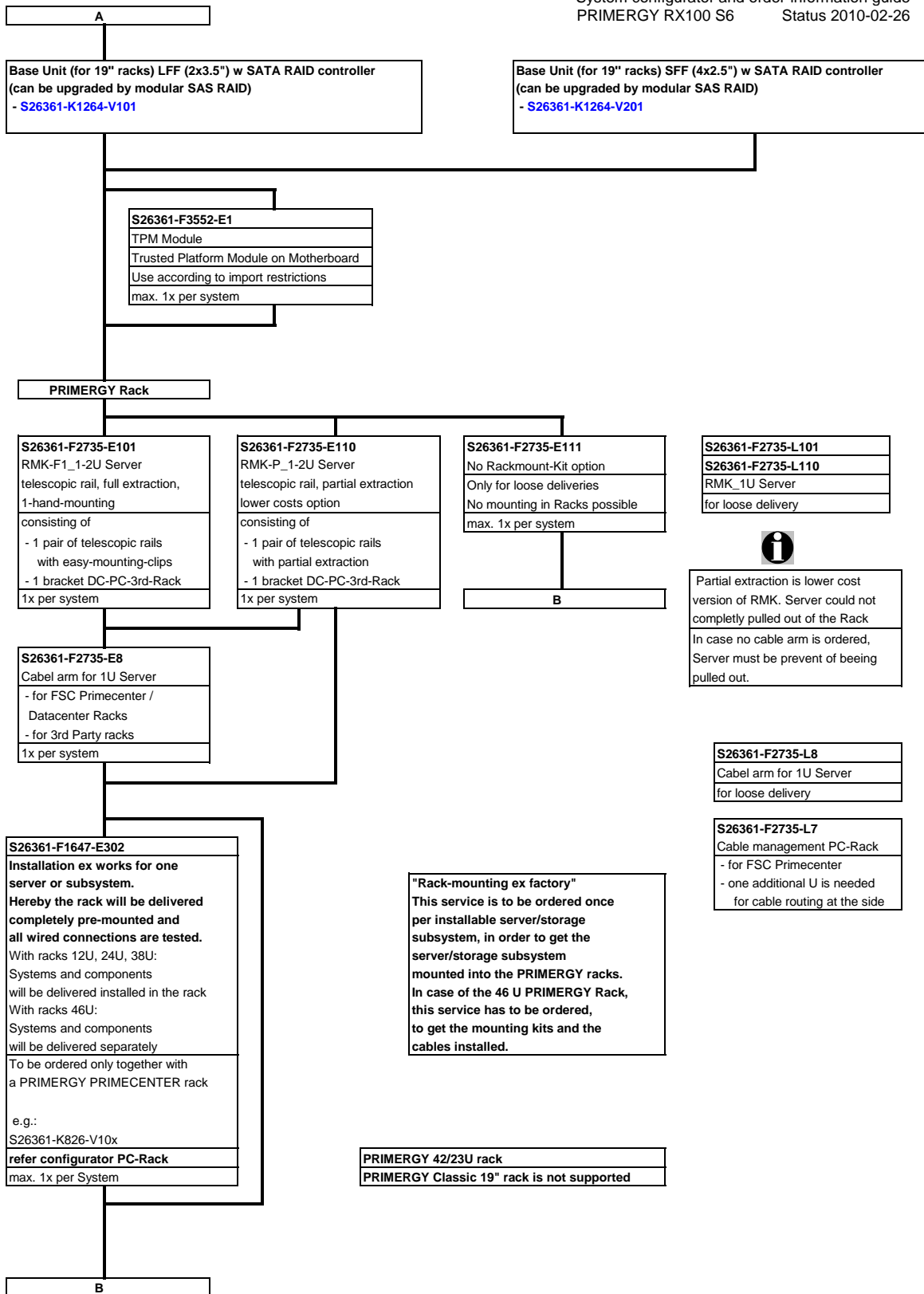
- ServerView Suite Software package incl. ServerStart, ServerBooks, Management Software and Updates
- Documentation engl. (multilingual on CD)

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
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
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
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
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 XEON CPUs only
max. 16GB unbuffered DDR3 RAM for UDIMMs with 4GB moduels

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
Memory 1GB 1333 SR S26361-F3335-E513	Memory 4GB 1333 DR S26361-F3336-E515
Memory 2GB 1333 DR S26361-F3335-E514	Memory 4GB 1066 QR S26361-F3336-E517
Memory 4GB 1333 DR S26361-F3335-E515	Memory 8GB 1066 QR S26361-F3336-E516
Choose up to 4 order codes above.	for XEON CPU type only

4x

No mix of Unbuffered (UDIMMs) with registered (RDIMMs) modules
No mix of Quad Rank (QR) and Single (SR) / Dual Rank (DR) modules allowed

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)

<p>Opt. Front VGA + add. USB Please refer to Sys.Manag. XII</p>	<p>S26361-F2748-E633 PY VGA LP card 256MB PCI-e x1 NVIDIA NVS290 256 MB PCIe-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</p>	<p>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</p>
<p>i Optional Front VGA only possible for onboard graphics</p>	<p>S26361-F2748-L633 PY VGA LP card 256MB PCI-e x1 for loose delivery</p>	

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												
	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																								
Pentium G6950 2.80GHz 3MB 2C 1066MHz (73W)	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066																								
Core i3-530 2.93GHz 4MB 2C/4T 1333MHz (73W)	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333																								
Core i3-540 3.06GHz 4MB 2C/4T 1333MHz (73W)	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333	1333																								
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	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	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	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	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	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	1066	1066	1066	1066	1066	1066	800	800	1066	1066	800	800	1066	1066	800	800	1066	1066	800	800				
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	1066	1066	800	800	1066	1066	800	800				

SR - Single Rank - 1Rx8
 DR - Dual Rank - 2Rx8
 QR - Quad Rank - 4Rx8

1333
1066
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

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

S26361-F3301-E102
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	S26361-F3578-E343
Xeon X3440	S26361-F3578-E344
Xeon X3450	S26361-F3578-E345
Xeon X3460	S26361-F3578-E346
Xeon X3470	S26361-F3578-E347
Xeon L3426	S26361-F3586-E186
Xeon L3406	S26361-F3586-E226

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



Celeron G1101	S26361-F3589-E226
Pentium G6950	S26361-F3588-E280
Core i3-530	S26361-F3587-E293
Core i3-540	S26361-F3587-E306
Core i3-540	S26361-F3587-E320
Xeon L3406	S26361-F3586-E306
Memory 1GB ub.	S26361-F3335-E226

**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

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

Controller for ext. Backup or SAS

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

3,5" SAS HDDs

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

VGA Card

S26361-F2748-E633
PY VGA card 256MB PCI-e x1

C

Section 6 VI Accessible drives



Setup PRIMERGY RX100 S6 by ServerStart is supported with following configurations:
no DVD, no CD:
 remote installation only (PXE service & DHCP server required)
built in DVD or USB DVD:
 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-L82
External Blu-Ray Drive (as soon as released)	S26341-F103-L83
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 Tiit USB/PS2	
5) USB Memorybird:	
MyUSBS A910 8GB	S26391-F6048-L208
MyUSBS A910 16GB	S26391-F6048-L216

S26361-F3269-E2
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

S26361-F3531-E2
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

2x

S26361-F3293-E160
HD 160GB 7.2krpm 3.5"
7200rpm, <9.0 ms, 8MB Cache
ECO SATA 3Gb/s
hot plug/hot replace tray
max. 2x per system

S26361-F3294-E250
HD 250GB 7.2krpm 3.5"
7200rpm, <9.0 ms, 8MB Cache
BC-SATA 3Gb/s
hot plug/hot replace tray
max. 2x per system

S26361-F3294-E500
HD 500GB 7.2krpm 3.5"
7200rpm, <9.0 ms, 8MB Cache
BC-SATA 3Gb/s
hot plug/hot replace tray
max. 2x per system

S26361-F3294-E750
HD 750GB 7.2krpm 3.5"
7200rpm, <9.0 ms, 8MB Cache
BC-SATA 3Gb/s
hot plug/hot replace tray
max. 2x per system

S26361-F3294-E100
HD 1.000GB 7.2krpm 3.5"
7200rpm, <9.0 ms, 8MB Cache
BC-SATA 3Gb/s
hot plug/hot replace tray
max. 2x per system

as soon	as available
S26361-F3294-E200	S26361-F3294-E200
HD 2.000GB 7.2krpm 3.5"	HD 2.000GB 7.2krpm 3.5"
7200rpm, <9.0 ms, 8MB Cache	7200rpm, <9.0 ms, 8MB Cache
BC-SATA 3Gb/s	BC-SATA 3Gb/s
hot plug/hot replace tray	hot plug/hot replace tray
max. 2x per system	max. 2x per system

SAS HD requires SAS Controller

1x

S26361-F3257-E4
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

S26361-F3554-E512
RAID Ctrl SAS 6G 8port internal
Based on chip LSI SAS2108
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

LSISAS2108 is released for SAS 2.0 HDD's only

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

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

S26361-F3257-E155
Cache Battery Backup Unit
max. 1x per Controller

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

S26361-F4005-E530
HD 300GB 15krpm 3.5"
15.000rpm, <4ms, 8MB Cache
SAS 6Gb/s
hot plug/hot replace tray
max. 2x per system

S26361-F4005-E545
HD 450GB 15krpm 3.5"
15.000rpm, <4ms, 8MB Cache
SAS 6Gb/s
hot plug/hot replace tray
max. 2x per system

S26361-F4005-E560
HD 600GB 15krpm 3.5"
15.000rpm, <4ms, 8MB Cache
SAS 6Gb/s
hot plug/hot replace tray
max. 2x per system

F

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

E

Mixed HDD configurations between ECO SATA and SAS is not released

S26361-F3297-E160 HD 160GB 5.4krpm 2.5" 5400rpm,<10,5ms, 8MB Cache ECO SATA hot plug/hot replace tray max. 4x per base unit	S26361-F3297-E320 HD 320GB 5.4krpm 2.5" 5400rpm,<10,5ms, 8MB Cache ECO SATA hot plug/hot replace tray max. 4x per base unit	S26361-F3298-E32 SSD 32GB SATA 3Gb/s hot plug/hot replace tray max. 4x per base unit	S26361-F3298-E64 SSD 64GB SATA 3Gb/s hot plug/hot replace tray max. 4x per base unit
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i SAS HD requires SAS Controller

4x

S26361-F4006-E114 HD 146GB 10krpm 2.5" 10000rpm,<4,5ms, 8MB Cache SAS 6Gb/s hot plug/hot replace tray max. 4x per system	S26361-F4006-E130 HD 300GB 10krpm 2.5" 10000rpm,<4,5ms, 8MB Cache SAS 6Gb/s hot plug/hot replace tray max. 4x per system	S26361-F4006-E573 HD 73GB 15krpm 2.5" 15000rpm,<4,5ms, 8MB Cache SAS 6Gb/s hot plug/hot replace tray max. 4x per system	S26361-F4006-E514 HD 146GB 15krpm 2.5" 15000rpm,<4,5ms, 8MB Cache SAS 6Gb/s hot plug/hot replace tray max. 4x per system
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S26361-F3298-E32 SSD 32GB SATA 3Gb/s hot plug/hot replace tray max. 4x per base unit	S26361-F3298-E64 SSD 64GB SATA 3Gb/s hot plug/hot replace tray max. 4x per base unit
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F

F

Section	8 VIII SCSI/SAS-Controller	SCSI/SAS-Controller Low Profile
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Slot suitable for
Standard/Low Profile
PCIe

2 slots PCIe x8 (wired x8) available

SCSI-controller for external drives and peripheral devices

S26361-F3270-E201
SCSI U320 Controller
Adaptec SCSI Card 29320LPE
PCIe x1, Low Profile
int: LVD HD68
ext: VHDCI 68pin
max. 1x per system



Only released for TXF.
 All controllers for the connection of external storage systems are delivered without cables. For the configuration of external cabling see the configurator for external storage systems.

External 4-port SAS-controller for external SAS Disk Array

S26361-F3593-E201
RAID Ctrl SAS 6G 8port external
LSI MegaRAID SAS9280-8e
512MB Cache with ECC
RAID 0, 1, 10, 5, 50, 6 & 60
without iBBU
SAS 6Gb/sec
8 port external
PCIe x4, MD2 form factor
low profile bracket
max. 1 per system



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

S26361-F3257-E155
Cache Battery Backup Unit
with 55cm cable set
max. 1x per Controller

SAS controller for external backup drives

S26361-F3271-E201
SAS Controller 3Gb/s 8 port LP
LSI SAS3442E-R Low Profile
PCIe x4,
int: 4 port
ext: 4 port
max. 2x per system



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Sections 9 IX Disk Array

SATA Configuration

i SATA Base Units contain a 6-port on-board SATA controller supporting RAID Levels 0, 1, 10

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

1x

S26361-F3257-E4
 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

S26361-F3554-E8
 RAID Ctrl SAS 6G 8port internal
 Based on chip LSI SAS2008
 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

S26361-F3554-E512
 RAID Ctrl SAS 6G 8port internal
 Based on chip LSI SAS2108
 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 LSI SAS2108 is released for SAS 2.0 HDD's only

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

S26361-F3257-E155
 Cache Battery Backup Unit
 max. 1x per Controller

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

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Section X Fibre Channel

Fibre Channel Controller for external storage systems

as soon as available

1x

S26361-F3592-E202
10Gbit/s CNA
Emulex
OCe10102
2 channel 10Gbit/sec CNA
SFP+ Cage
PCIe x8, 170mm
max. 1x per system

i Loose Delivery: S26361-F3592-L202



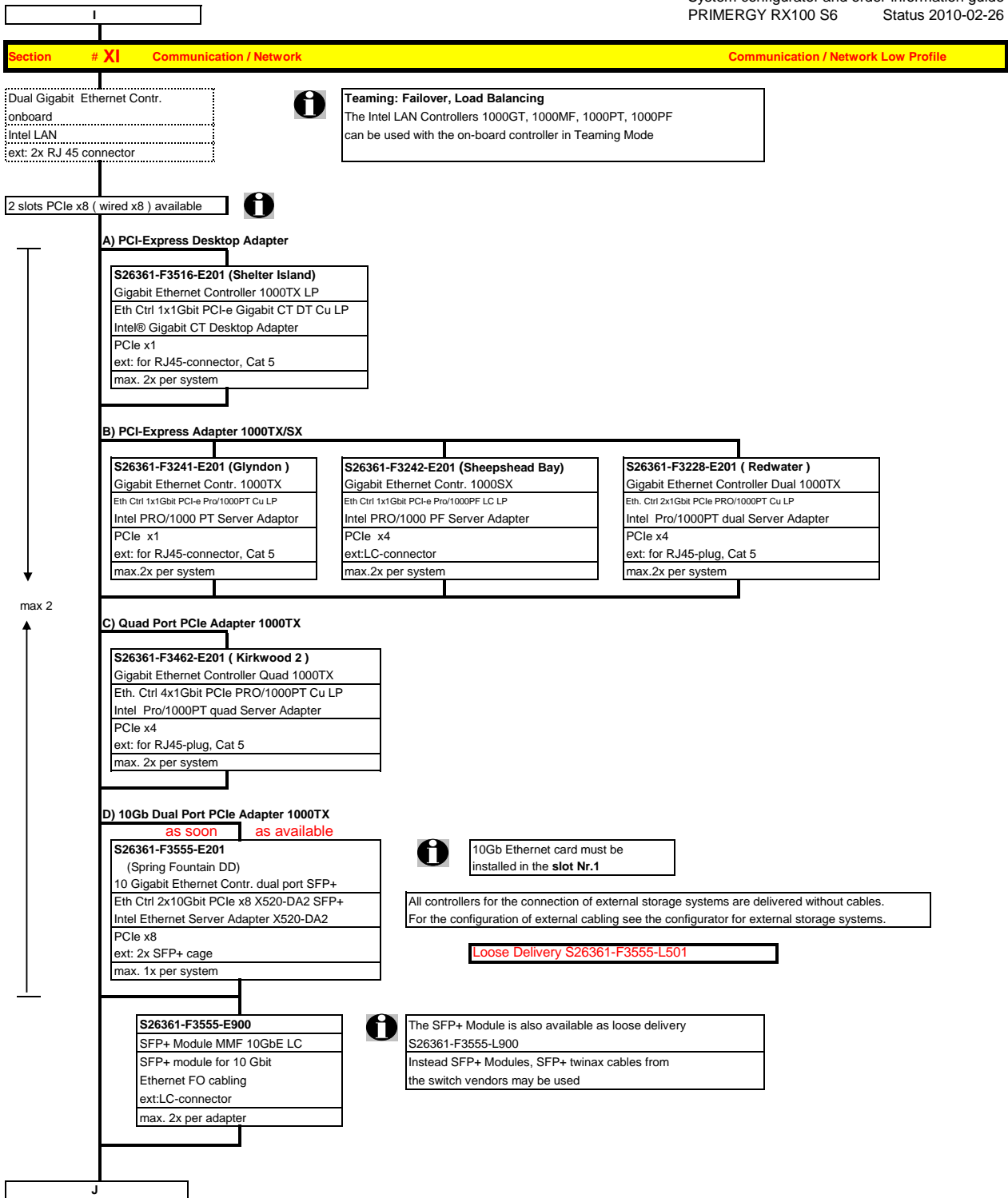
All controllers for the connection of external storage systems are delivered without cables. For the configuration of external cabling see the configurator for external storage systems.

S26361-F3592-E108
SFP+ Module MMF 10GbE LC
SFP+ module for 10 Gbit
Ethernet FO cabling
ext:LC-connector
max. 2x per adapter



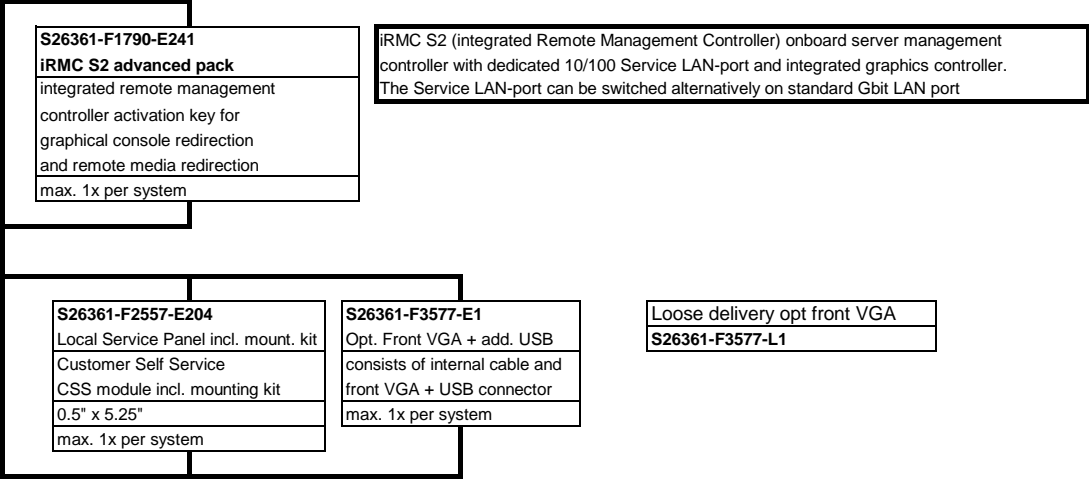
The SFP+ Module is also available as loose delivery
 S26361-F3592-L108
 Instead SFP+ Modules, SFP+ twinax cables from the switch vendors may be used

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Section # XII System Management Products (RemoteView)




Section # XIII Miscellaneous


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USB Input devices available:	
1) USB Keyboard: KBPC PX D, professional keyboard	S26381-K340-V120
2) USB Mouse: Optical Wheel Mouse Tilt USB/PS2	S26381-K415-L100
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Options and other peripherals	
For other options, refer to SystemArchitect and Pricelist	
These options are supplied lose with the shipment	
For suitable peripherals for this product, please refer to SystemArcitect	

Section # XIV Country specific power cord

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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)	
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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

Change Report

Date	Order number	Changes
2010-02-18	S26361-F3593-E201	RAID Ctrl SAS 6G 8port external
2010-02-10	S26361-F3298-E32/E64	SSD 32/64GB released in combination with LSISAS2108
2010-01-20	S26361-F3592-E202	FCoE Adapter - Order Number Update
2010-01-01		First release