

PRIMERGY RX100 S7p

System configurator and order-information guide

February 2014

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PRIMERGY Server

Instructions

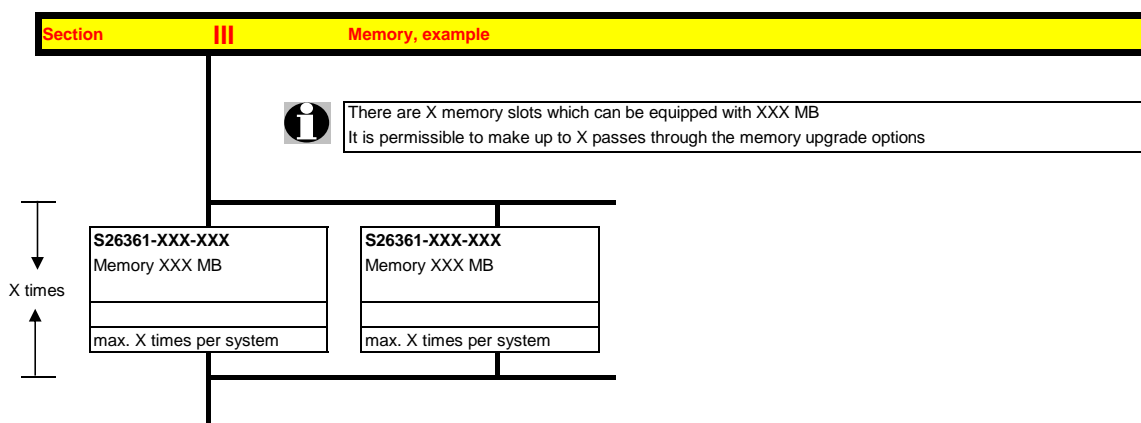
This document contains basic product and configuration information that will enable you to configure your system via PC-/System-Architect

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

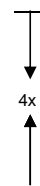
You can configure your individual PRIMERGY server in order to adjust your specific requirements.

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.



Further information in the internet see:

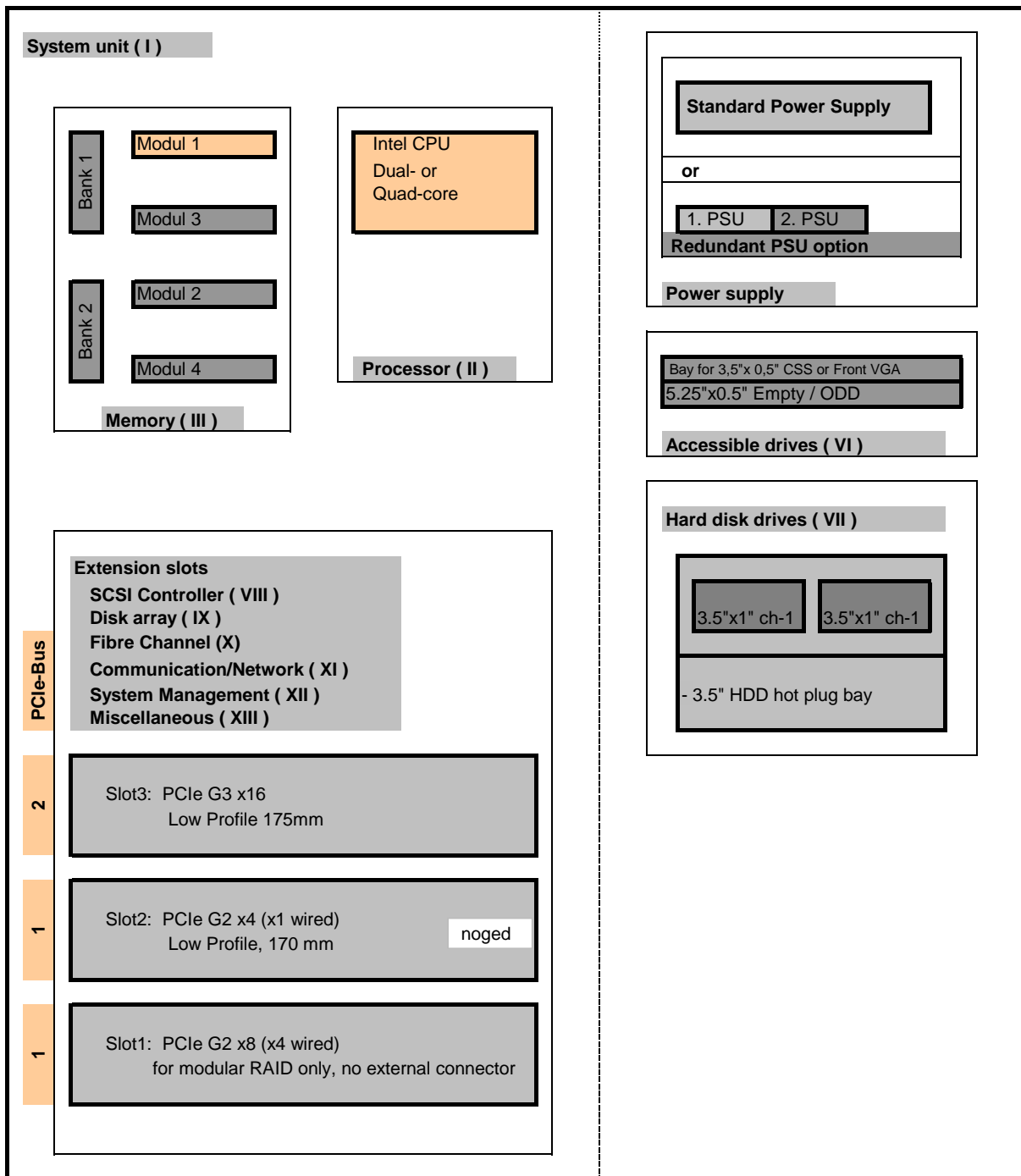
http://ts.fujitsu.com/products/standard_servers/index.html (internet)

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 S7p

with 3.5" Hard disk drives

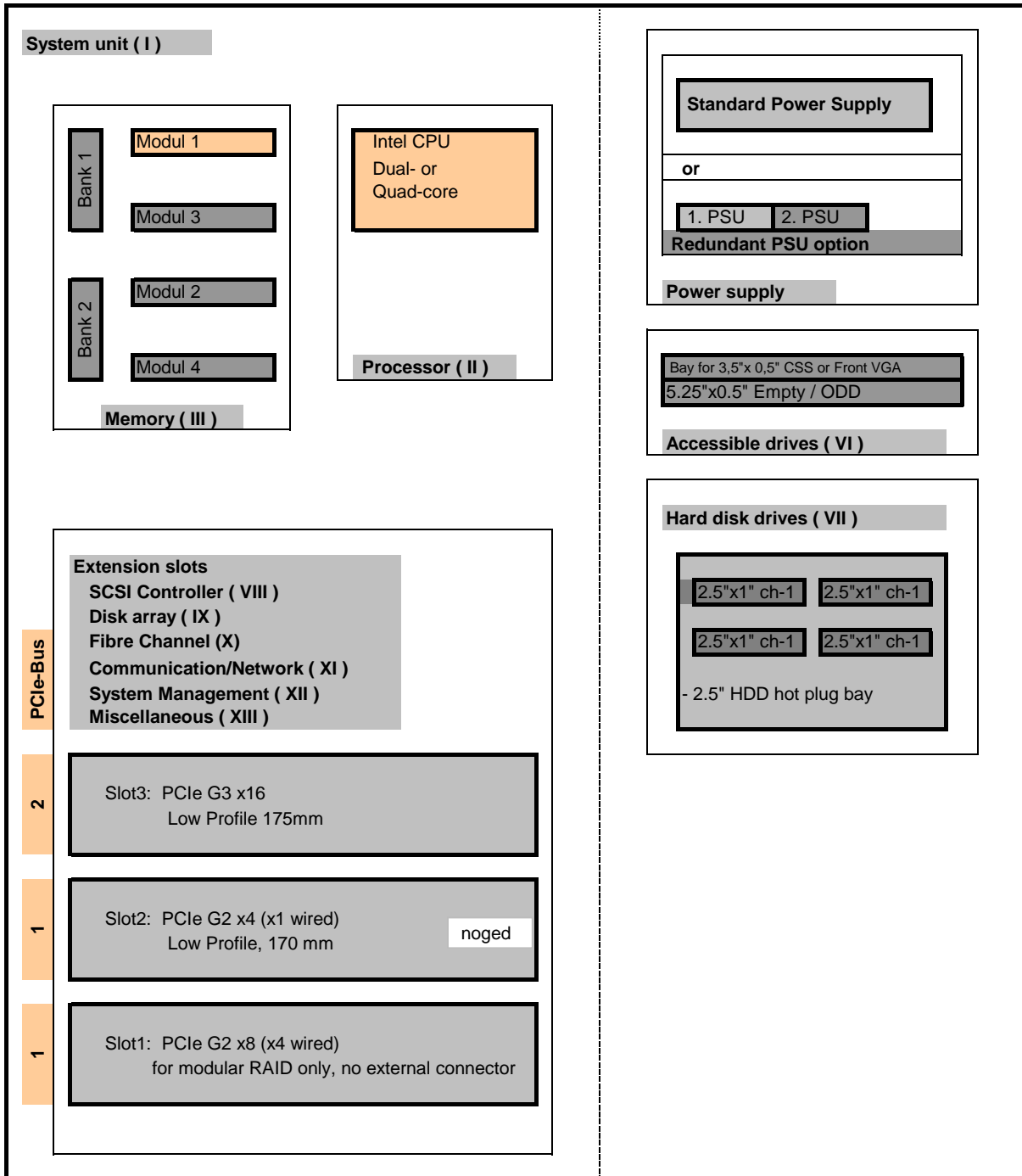


Key:

- 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 S7p

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 S8

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



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

Microsoft - Windows Server 2008 Server Licenses
 - Windows Server 2008 Enterprise
 - Windows Server 2008 Standard
 - Windows Server 2008 Foundation
 - Windows Web Server 2008

PRIMECLUSTER *)
 - Clustering
 - Load Balancing

Microsoft - Windows Server 2008 Client Access Licenses
 - Windows Server 2008 Device CAL
 - Windows Server 2008 User CAL
 - Windows Server 2008 Remote Desktop Services Device CAL
 - Windows Server 2008 Remote Desktop Services User CAL

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: <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 S7p

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 2008, Standard x64 Edition - Enterprise 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 including:

- * **1U Housing**
- * **1 power supply** (Standard Ps with 300W or hot plug PSU with 450W)
- * **Fans**
 - Fans for Power Supply and Chassis
 - 4x non hot-plug fans in standard PSU base unit, 5 fans with 1 of 5 redundancy in hotplug PSU base unit
- * **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 / front Service LAN

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 and / or Front Service LAN RJ45

Systemboard with:

- Mono Processor Board with LGA1155 socket and Intel® C202 (codenamed Bromolow Cougar Point Essential) (s. section II)
- 1x PCIe Gen3 x16 / 1x PCIe Gen2 x4 (x1 wired) + 1x PCIe x8 (x4 wired) Gen2 Slot for modular RAID
- 4 memory slots (s. section III)
- SATA RAID on-board or SAS RAID controller in the dedicated slot (s. section IX)
- 2x 1 Gbit Ethernet LAN Intel 82579 (Lewisville) + 82574 (Hartwell) on-board with ToE and iSCSI boot integrated in System BIOS as selectable option
- **iRMC S3** (integrated Remote Management Controller) on-board server management controller with dedicated 10/100/1000 Mbit 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 S3 (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), 1x Front VGA optional
- 7x USB 2.0 (UHCI) with 480MBit/s (2x front, 4x back, 1x internal)
- 2x LAN RJ45 (1x shared), 1x Service-LAN RJ45, 1 Service LAN (front) optional

Cables:

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

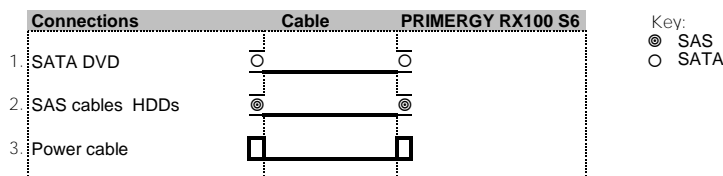
Software:

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



Note: Rack Mounting kit and Power Cord for PRIMERGY RX100 S7p is not included in the basic unit and has to be configured separately

Cables included in basic unit



A

A	
Basic unit (for 19" racks) with SATA RAID (can be upgraded by Modular SAS RAID) without CPU and Memory	
- One CPU (first CPU) has to be configured additionally for a base configuration	
- One memory kit has to be configured for a base configuration	
SAS/SATA LFF (3.5") version with: - 2-port SAS backplane for 2 hot plug LFF (3.5") SAS/SATA HDDs incl. cables for connection to the onboard SATA or plug in SAS controller	
- SAS/SATA LFF (3.5") Base Unit	
standard PSU	S26361-K1385-V103
hot plug PSU / red. Fan	S26361-K1385-V203
SAS/SATA SFF (2.5") version with: - 4-port SAS backplane for 4 hot plug SFF (2.5") SAS/SATA HDDs incl. cables for connection to the onboard SATA or plug in SAS controller	
- SAS SFF (2.5") Base Unit	
standard PSU	S26361-K1385-V303
hot plug PSU / red. fan	S26361-K1385-V403

S26361-F3552-E1
TPM Module
Trusted Platform Module on Motherboard
Use according to import restrictions
max. 1x per system

S26113-F575-E10
2nd power supply module (PSU) 450W / 94% efficiency (platinum) for redundancy of BU V203/V403 occupies one bay for hot plug power supply max. 1x per system


For Base Units with hot plug PSU only (V203, V403)	
For later conversion of basic units with standard power supply to hot plug power supply, the following kit is available:	
1.) hot plug PS upgrade kit, incl. 1 PS module + Fan + PDU + PSU Cage (no power cord included) Conversion standard into hot plug PS After upgrade, the Std. PSU can not be used anymore	S26113-F547-L10
2.) Supplementary power supply module for redundancy or repair (no power cable included!)	S26113-F575-L10
3.) Please order appropriate power cord additionally: Powercord for rack, 4m, grey, IEC320 C13->C14 connect. Power Cord USA / Canada, 1.8m, grey	T26139-Y1968-L10 T26139-Y1742-L10

PRIMECENTER Rack

S26361-F2735-E145
RMK-F1_DI_CMA_QRL best choice for PrimeCenter racks consisting of
vario carrier 714-785mm telescopic drop-in rails 781mm with quick release lever support with full extraction with CMA adapter
1x per system

S26361-F2735-E175
Rack Mount Kit F1-C S7 LV best choice for 3rd party racks consisting of
vario carrier 559-914mm telescopic drop-in rails 781 mm with quick release lever support with full extraction with CMA adapter
1x per system

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

Further information for rack mounting is available within the Corporate Partner Portal 

All "L" no's for loose delivery


S26361-F2735-L10
Adapter angle PC/DC-Rack, till 50Kg necessary for mounting RMKs in asymmetrical PC racks

S26361-F4530-E11
Mounting 1U server in asymmetrical racks with 1U support bracket

S26361-F4530-E10
Mounting in symmetrical racks (no support bracket needed)

S26361-F2735-L175
RMK-F1_DI_CMA_QRL_LV best choice for 3rd party racks with CMA adapter

S26361-F2735-E81
Cable mgmt. arm for 1U Server - for Fujitsu PRIMECENTER and PRIMECENTER M1 racks - for 3rd Party racks 1x per system

 Cable Management Arm (CMA) can only be used for FTS RMKs with CMA adapter

S26361-F2735-L145
RMK-F1_DI_CMA_QRL best choice for PrimeCenter racks with CMA adapter

S26361-F2735-L81
Cable mgmt. arm for 1U server for 1U servers in racks with L175

S26361-F1647-E302
Installation ex works for one server or subsystem. Hereby the rack will be delivered completely pre-mounted and all wired connections are tested. With PCR S2 12U, 24U, 38U and PRC M1 16U, 24U, 42U: Systems and components will be delivered installed in the rack With PCR S2 racks 46U: Systems and components will be delivered separately To be ordered only together with a PRIMECENTER rack PCR S2 e.g. S26361-K826-V10x new PCR M1 e.g. S26361-K827-Vxxx refer PCR S2 or M1 rack configurator max. 1x per System

"Rack-mounting ex factory"
This service is to be ordered once per installable server/storage subsystem, in order to get the server/storage subsystem mounted into the racks.
In case of the 46 U PCR S2 this service has to be ordered, to get the mounting kits and the cables installed.

S26361-F2735-L176
RMK-F1_DI_QRL_LV best choice for 3rd party racks w/o CMA adapter

S26361-F2735-L8
cable arm 1U PCR M1 S and 3rd p.-racks for L176, has to be mounted on rack pillar

S26361-F2735-L7
Lateral cable management (optionally) can only be mounted in asymmetrical PRIMECENTER S2 or new M1 racks in 1U above RMK

PRIMERGY Classic 19" rack is not supported

B

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 (3MB TLC) occupies socket for one CPU	
Celeron	
Celeron G550 2.60GHz 2MB 2C/2T 1066MHz (65W)	S26361-F3579-E255
Celeron G1610 2.60GHz 2MB 2C/2T 1333MHz (55W)	S26361-F3580-E216
Pentium	
Pentium G640 2.80GHz 3MB 2C/2T 1066MHz (65W)	S26361-F3579-E264
Pentium G2120 3.10GHz 3MB 2C/2T 1600MHz (55W)	S26361-F3580-E221
Core i3	
Core i3-3220 3.30GHz 3MB 2C/4T 1333MHz (65W)	S26361-F3580-E222
Xeon E3-12xxv2	
- 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 E3-1220v2 3.10GHz 8MB 4C/4T 1600MHz Turbo (69W)	S26361-F3580-E322
Xeon E3-1230v2 3.30GHz 8MB 4C/8T 1600MHz Turbo (69W)	S26361-F3580-E323
Xeon E3-1240v2 3.40GHz 8MB 4C/8T 1600MHz Turbo (69W)	S26361-F3580-E324
Xeon E3-1270v2 3.50GHz 8MB 4C/8T 1600MHz Turbo (69W)	S26361-F3580-E327
Xeon E3-1280v2 3.60GHz 8MB 4C/8T 1600MHz Turbo (69W)	S26361-F3580-E328
Xeon Power Optimized	
- 1x 64-bit Intel Xeon LV UP (3/8MB shared TLC = Third Level Cache) Hyper-Threading (HT); 1600 MHz DDR3 Bus and heat pipe occupies socket for one CPU	
Xeon E3-1220Lv2 2.30GHz 3MB 2C/4T 1600MHz Turbo (17W)	S26361-F3580-E312
Xeon E3-1265Lv2 2.50GHz 8MB 4C/8T 1600MHz Turbo (45W)	S26361-F3580-E316

1x

on special release
on special release

on special release
on special release

Section 3 III Memory

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.
 max. 32GB unbuffered DDR3 RAM for UDIMMs with 8GB modules
 Note**: Memory is not included in the base unit and has to be configured separately, min 1x.

- One DDR3- unbuffered ECC memory module, 1.5V	
2GB (1x2GB) 1Rx8 DDR3-1600 U ECC	S26361-F3719-E513
4GB (1x4GB) 2Rx8 DDR3-1600 U ECC	S26361-F3719-E514
8GB (1x8GB) 2Rx8 DDR3-1600 U ECC	S26361-F3719-E515

Choose up to 4 order codes above.

4x

The delivered memory module can be LV, but will be operated at 1.5V

Section 4 IV Riser Card

Two riser cards are included in basic unit

Section 5 V Graphics

Graphics Controller integrated in iRMC S3 (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 + Service LAN	as soon	as available
Please refer to Sys.Manag. XII	S26361-F2748-E637	S26361-F2748-L637
	PY VGA LP card 512MB PCI-e x1	PY VGA LP card 512MB PCI-e x1
	NVIDIA NVS300	for loose delivery
	512 MB PCIe-x1	
	Connectors: 1x LFH 59	
	cable kit for 2x DVI or 2x VGA	
	cable kits included	
	Dual head + professional 2-D + 3-D supported for Windows OS	
	native driver support for Linux OS	
	low profile bracket	
	max. 1x per system	

1x

C

Section VI Energy Star

as soon as available

S26361-F3301-E112
 RX100 S7p **E-Star Fam2**
 for all 69W 4Core CPUs with std. PSU
 Limits configuration in accordance
 with Energy Star requirements
 max. 1x per system



The following order components out of the specific sections are allowed together with RX100 S7p E-Star Fam2:

SATA/SAS LFF (3.5") Base Unit with std PSU **S26361-K1385-V103**

Quad-Core CPU's	
Xeon E3-1220v2 3.10GHz 8MB 4C/4T 1333MHz Turbo (69W)	S26361-F3580-E322
Xeon E3-1230v2 3.30GHz 8MB 4C/8T 1333MHz Turbo (69W)	S26361-F3580-E323
Xeon E3-1240v2 3.40GHz 8MB 4C/8T 1333MHz Turbo (69W)	S26361-F3580-E324
Xeon E3-1270v2 3.50GHz 8MB 4C/8T 1333MHz Turbo (69W)	S26361-F3580-E327
max. 1x per system	

Unbuffered DIMMs (1.5V)	
2GB (1x2GB) 1Rx8 DDR3-1600 U ECC	S26361-F3719-E513
4GB (1x4GB) 2Rx8 DDR3-1600 U ECC	S26361-F3719-E514
8GB (1x8GB) 2Rx8 DDR3-1600 U ECC	S26361-F3719-E515
max. 4x per system	

DVD & tape Drives	
DVD-RW supermulti slim SATA	S26361-F3269-E2
Blu-ray Triple Writer slim SATA	S26361-F3641-E2
max. 1x per system	

RAID Controller	
RAID Ctrl SAS 6G 8port internal	S26361-F3554-E8
max. 1x each per system	

LAN Controller	
Gigabit Ethernet Controller 1000TX	S26361-F3516-E201
Gigabit Ethernet Controller Dual 1000TX	S26361-F3610-E202
max. 1x each per system	

Business Critical (BC) SATA 6Gb/s HD 3.5"	
500GB 7.200rpm,<9,0ms, 8MB Cache	S26361-F3670-E500
1000GB 7.200rpm,<9,0ms, 8MB Cache	S26361-F3670-E100
2000GB 7.200rpm,<9,0ms, 8MB Cache	S26361-F3670-E200
3000GB 7.200rpm,<9,0ms, 8MB Cache	S26361-F3670-E300
max. 2x per system	

C

Section 6 VII Accessible drives



Setup PRIMERGY RX100 S7p 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 USB stick available for driver installation.

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

on special	release
S26361-F3718-E1	
DVD-ROM slim	
all formats, DUAL/DL, DVD-RAM	
0.5 x 5.25", black bezel	
max. 1x per system	

S26361-F3641-E2
Blu-ray Triple Writer slim SATA
6x BD-RW, 8x DVD, 24x CD
BD DL and all CD/DVD formats
0.5 x 5.25"
max. 1x per system

USB 3.0 adapter

S26361-F3749-E201
USB3.0 PCIe x1 adapter card lp
Sunrich U-720
PCIe x1
1 port intern, 1 port extern
USB 3.0 A jacks
max. 1x per system



The adapter is also available as optional (loose) delivery with FH and LP bracket included
 S26361-F3749-L501

D

Section 7 VIII Hard disk drives



Configurations with Eco SATA can only be mixed with BC SATA HDD type
SAS and BC SATA drives with the same size can be mixed, but not used in one logical RAID volume

SAS/SATA LFF (3.5") Base Units: SAS HDDs Require SAS Controller! see section "internal Disk Array"

There is a 6 port SATA controller in the Base Unit for connection of up to 2 SATA LFF (3.5") hard disks
For up to 2 LFF SAS hard Drives, you must configure 1 of 3 different SAS controller

2x

Economy SATA 6Gb/s HD 3.5" with hot plug/hot replace tray	
250GB 7.200rpm,<9,0ms, 16MB Cache	S26361-F3700-E250
500GB 7.200rpm,<9,0ms, 16MB Cache	S26361-F3700-E500

SAS 6Gb/s 3.5" with hot plug/hot replace tray	
300GB 15000rpm,<4,5ms, 16MB Cache	S26361-F4005-E530
450GB 15000rpm,<4,5ms, 16MB Cache	S26361-F4005-E545
600GB 15000rpm,<4,5ms, 16MB Cache	S26361-F4005-E560
1TB, 7200rpm, <9,0ms, 32MB Cache	S26361-F5241-E100
2TB, 7200rpm, <9,0ms, 32MB Cache	S26361-F5241-E200
3TB, 7200rpm, <9,0ms, 32MB Cache	S26361-F5241-E300
4TB, 7200rpm, <9,0ms, 32MB Cache	S26361-F5241-E400
max. 2x per system	



SAS HD requires SAS Controller

Business Critical (BC) SATA 6Gb/s HD 3.5" with hot plug/hot replace tray	
500GB 7.200rpm,<9,0ms, 64MB Cache	S26361-F3670-E500
1000GB 7.200rpm,<9,0ms, 64MB Cache	S26361-F3670-E100
2000GB 7.200rpm,<9,0ms, 64MB Cache	S26361-F3670-E200
3000GB 7.200rpm,<9,0ms, 64MB Cache	S26361-F3670-E300
4000GB 7.200rpm,<9,0ms, 64MB Cache	S26361-F3670-E400
max. 2x per system	

SAS / SATA SFF (2.5") Base Units: SAS HDDs Require SAS Controller! see section "internal Disk Array"



There is a 6 port SATA controller in the Base Unit for connection of up to 4 SATA SFF (2.5") hard disks
For up to 4 SFF SAS hard Drives, you must configure 1 of 3 different SAS controller

4x

SSD MLC SATA 6Gb/s HD 2.5" with hot plug/hot replace tray	
100GB, Mainstream Perf., Mainstream Endurance*	S26361-F5225-E100
200GB, Mainstream Perf., Mainstream Endurance*	S26361-F5225-E200
400GB, Mainstream Perf., Mainstream Endurance*	S26361-F5225-E400
max. 4x per base unit	



*) Mainstream Endurance 10DWPD over 5y Managed Life Model

Business Critical (BC) SATA 6Gb/s HD 2.5" with hot plug/hot replace tray	
250GB 7.200rpm,<9,5ms, 64MB Cache	S26361-F3708-E250
500GB 7.200rpm,<9,5ms, 64MB Cache	S26361-F3708-E500
1000GB 7.200rpm,<9,5ms, 64MB Cache	S26361-F3708-E100
max. 4x per base unit	



configuration of SAS-HDDs requires SAS RAID controller

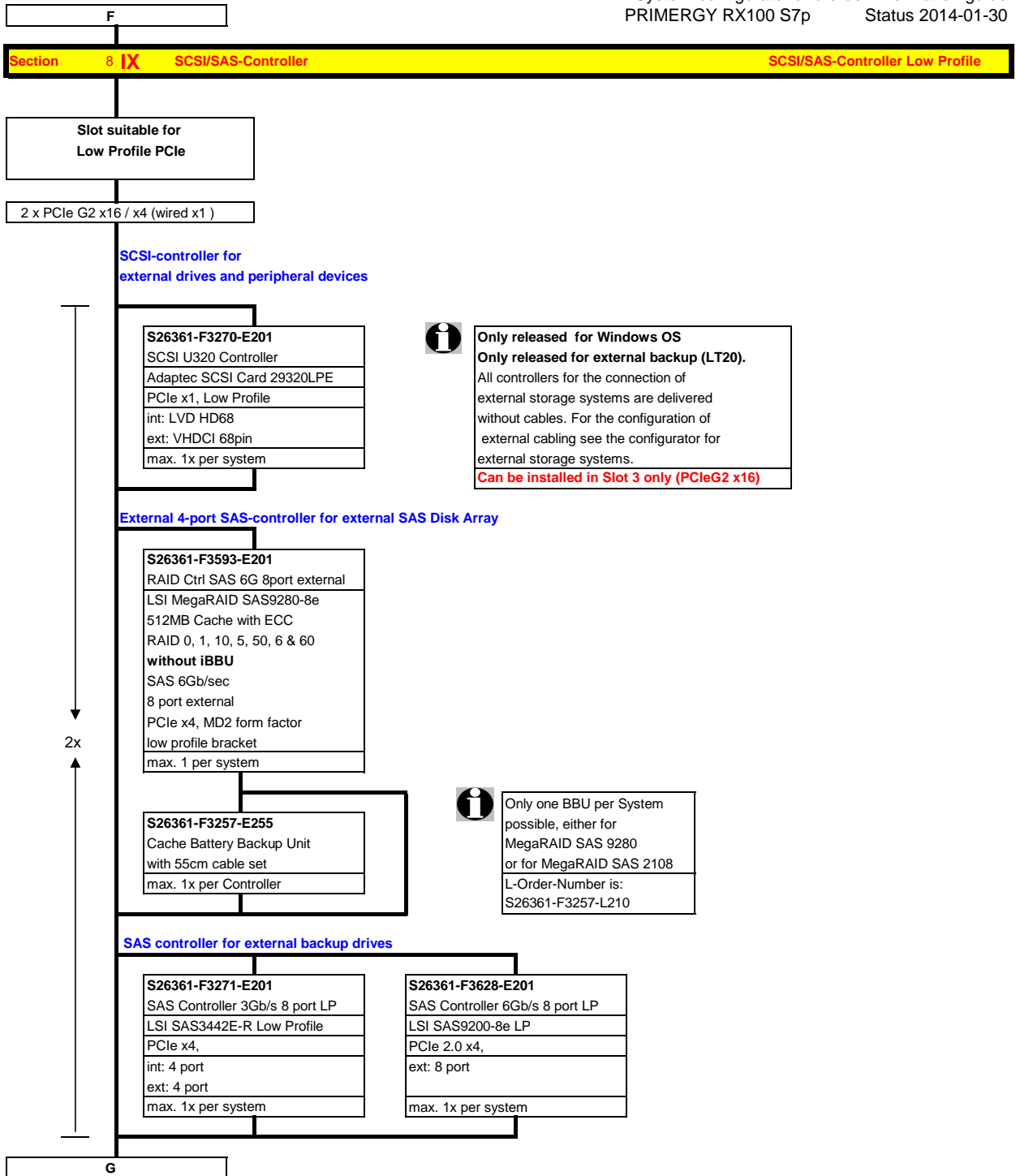
Business Critical (BC) SAS 6Gb/s HD 2.5" with hot plug/hot replace tray	
500GB 7.200rpm,<9,5ms, 64MB Cache	S26361-F5228-E500
1000GB 7.200rpm,<9,5ms, 64MB Cache	S26361-F5228-E100
max. 4x per base unit	



configuration of SAS-HDDs requires SAS RAID controller

SAS 6Gb/s 2.5" with hot plug/hot replace tray	
300GB 10000rpm,<4,5ms, 16MB Cache	S26361-F4482-E130
450GB 10000rpm,<4,5ms, 16MB Cache	S26361-F4482-E145
600GB 10000rpm,<4,5ms, 16MB Cache	S26361-F4482-E160
900GB 10000rpm,<4,5ms, 32MB Cache	S26361-F4482-E190
146GB 15krpm,<4,5ms, 32MB Cache	S26361-F4482-E514
300GB 15krpm,<4,5ms, 32MB Cache	S26361-F4482-E530
max. 4x per base unit	

E



G

Sections 9 X 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 three different SAS controllers for the Base Unit:
 - LSI 1064e / 2008 based Modular RAID 0,1 (IME) for SAS HDDs only
 - LSI 2108 based Modular RAID 0, 1, 10, 5, 50, 6, 60
if you want to use SAS harddisks one Controller is required
S26361-F3669-E2/E3 does not support 3.5" ECO SATA HDD (S26361-F3700-E250/E500)

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



			as long as available
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 for SAS HDDs only! max. 1x per system	S26361-F3554-E8 RAID Ctrl SAS 6G 8port int. Based on chip LSI SAS2008 LSI MegaRAID no Cache, no BBU RAID 0, 1 & 1E Sup. for 3Gb/s and 6Gb/s SATA and SAS HDs PCIe x8 Low-prof. 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 x8 Low-profile MD2 form factor max. 1x per system	S26361-F3669-E2 RAID Ctrl SAS 6G 8port internal Based on chip LSI SAS2208 LSI MegaRAID 1GB Cache with ECC RAID 0, 1, 10, 5, 50, 6, 60 optional FBU Support for 3Gb/s and 6Gb/s SATA and SAS hard drives PCIe x8 Low-profile MD2 form factor max. 1x per system

S26361-F3257-E4
 4 port SAS RAID Controller
only for SAS HDDs!
up to 21TB support only

S26361-F3257-E255
 Cache Battery Backup Unit
 max. 1x per Controller

as soon as available

S26361-F3669-E3
 RAID Ctrl SAS 6G 8port internal
 Based on chip LSI SAS2208
 LSI MegaRAID
 1GB Cache with ECC
 RAID 0, 1, 10, 5, 50, 6, 60
 optional FBU
 Support for 3Gb/s and 6Gb/s
 SATA and SAS hard drives
 PCIe 3.0 x8
 Low-profile MD2 form factor
 max. 1x per system

for loose delivery of TFM & FBU please order:

S26361-F3669-L100
 TFM Module for FBU option
 max. 1x per Controller

S26361-F3669-L110
 Flash Backup Unit
 with 25cm, 55cm, 70cm cable set
 max. 1x per Controller

i The FBU is an option for the controller which can be used once per controller. If the FBU option has been chosen, the TFM Module is needed once per FBU.

S26361-F3669-E100
 TFM Module for FBU option
 max. 1x per Controller

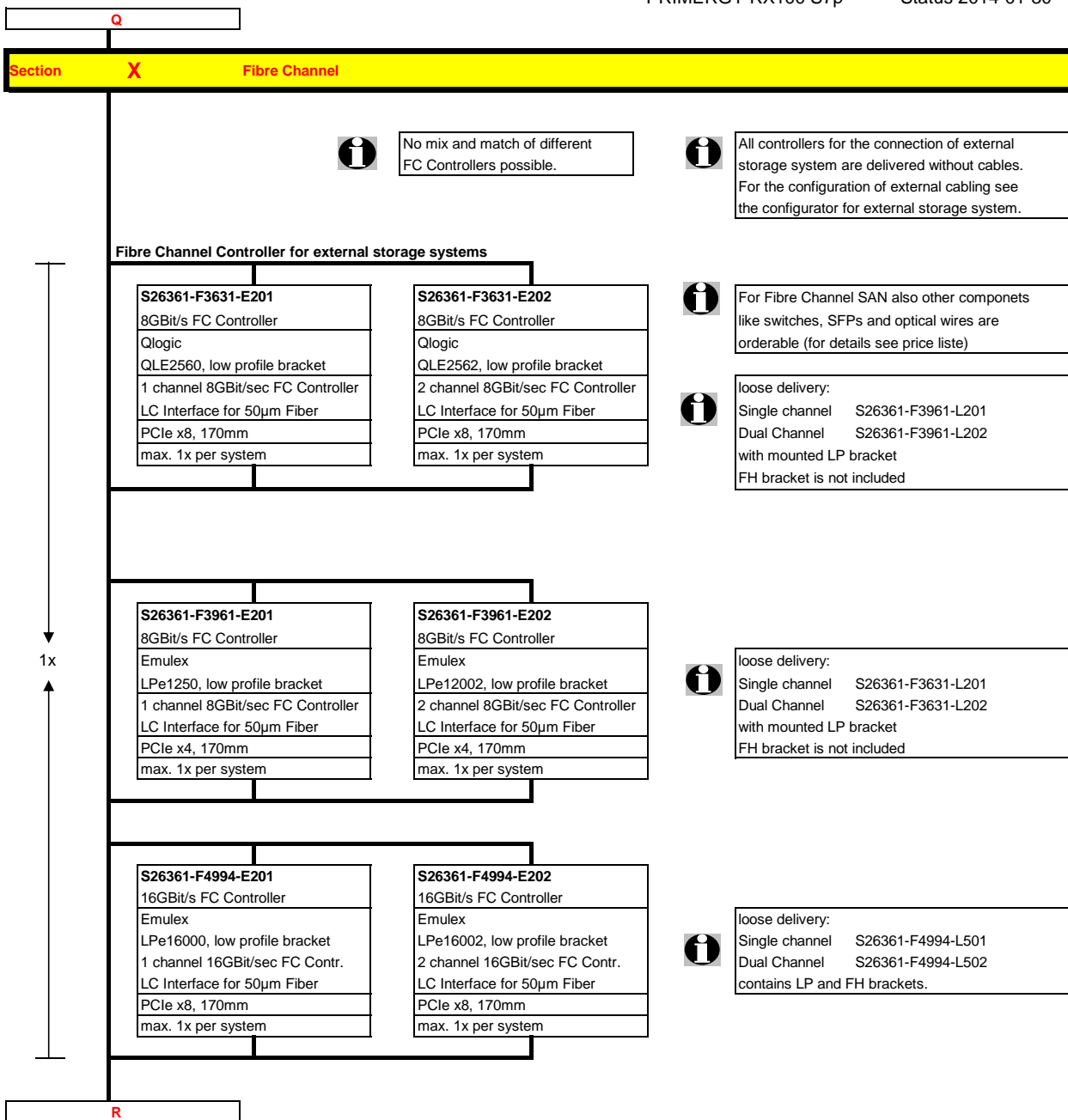
S26361-F3669-E155
 Flash Backup Unit
 with 55cm cable set
 max. 1x per Controller

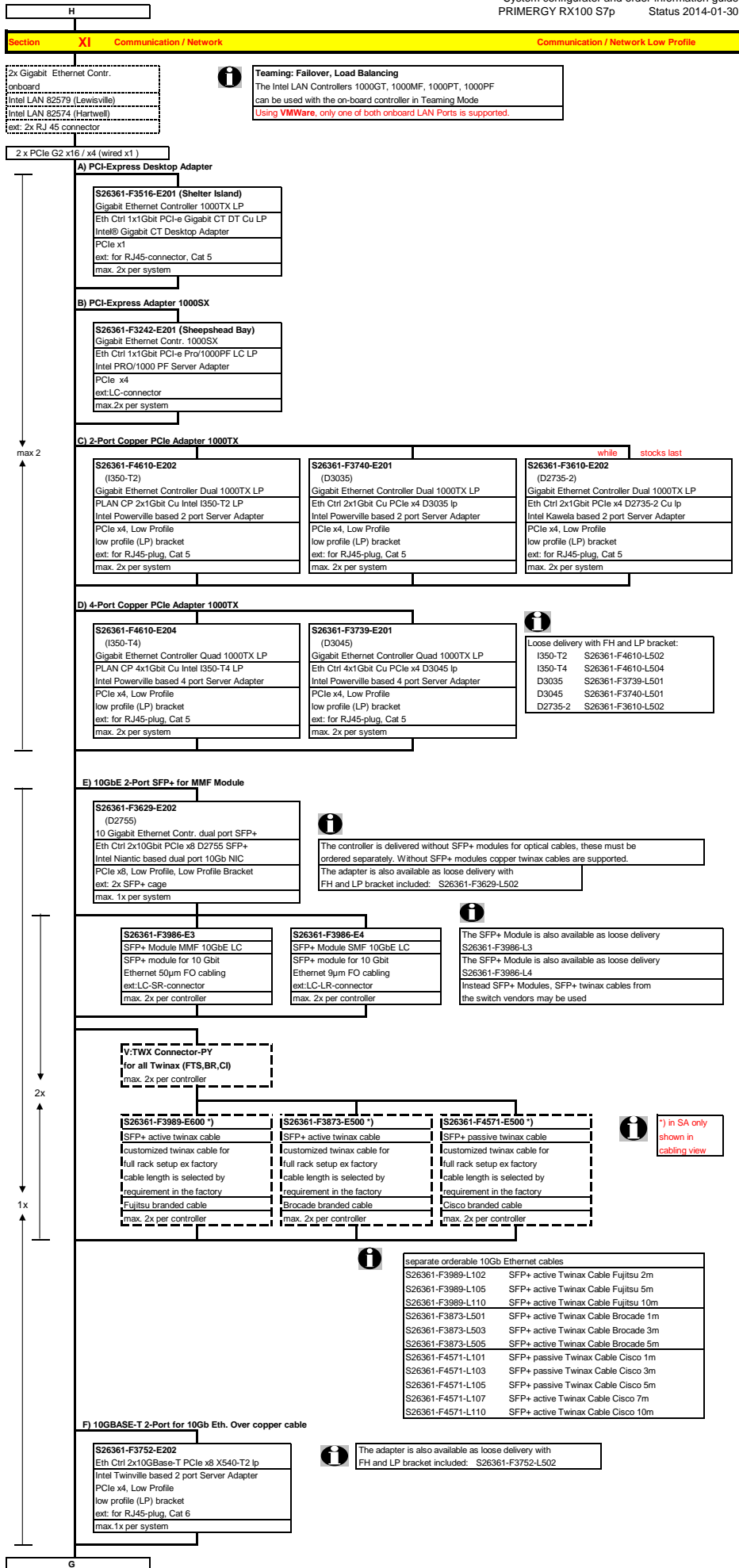
RAID Controller Loose delivery (F3257-L4, F3554-L8/L512, F3669-L2/3) requires RAID KIT
RAID Upgrade Kit
 SATA / mini-SAS Cable
S26361-F4414-L2

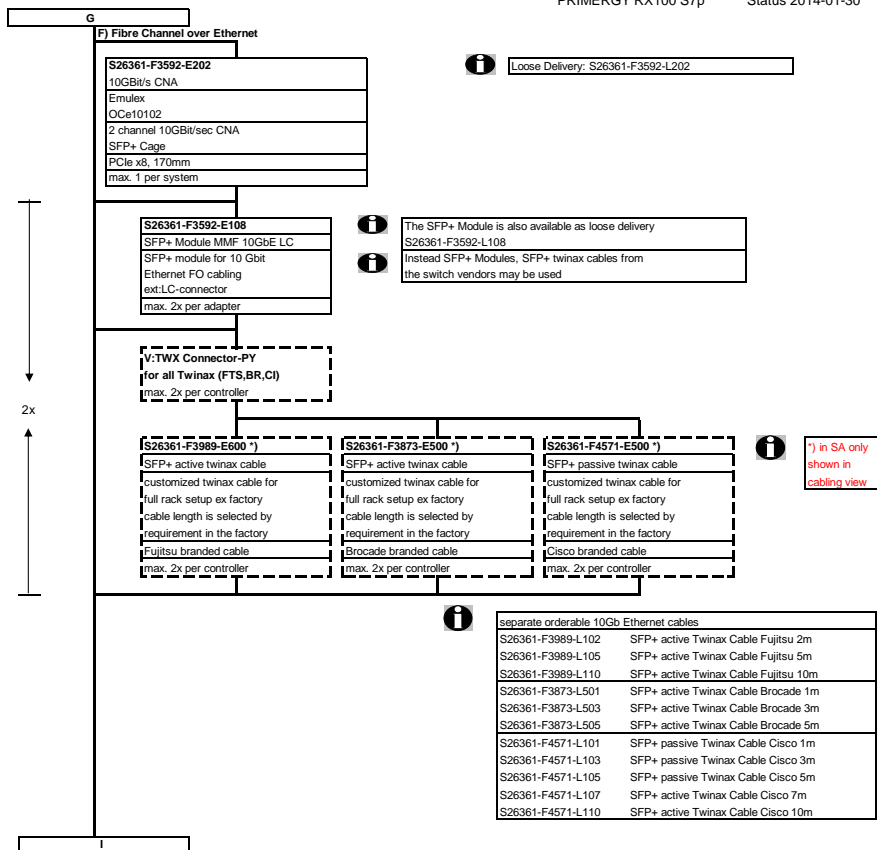
Advanced Software Option
 as soon as available
S26361-F3669-L660
 RAID Advanced Software Options
 License Activation Key
 for CacheCade 2.0 and FastPath
 for 1 Controller

as soon as available
S26361-F3669-E660
 RAID Advanced Software Options
 License Activation Key
 for CacheCade 2.0 and FastPath
 for 1 Controller

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Section # XII System Management Products (RemoteView)

S26361-F1790-E242 iRMC3 advanced pack integrated remote mgmt. controller activation key for graphical console redirection and remote media redirection max. 1x per system

i iRMC S3 (integrated Remote Management Controller) onboard server management with dedicated 10/100/1000 Service LAN-port and integrated graphics controller. The Service LAN-port can be switched alternatively on standard Gbit LAN port

i Loose delivery
iRMC3 advanced pack
S26361- F1790-L242

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
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S26361-F2571-E37 Opt. Front VGA + Service LAN Front service LAN Port For local maintenance / console redirection, Integrated in front (operating panel) max. 1x per system
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i Loose delivery
Local Service Panel
S26361-F2557-L204
Opt. front VGA + Front LAN
S26361-F2571-L37

Section # XIII Miscellaneous

i **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 / kits

S26361-F1452-E100 REGION KIT APAC/America/EMEA/India For Shipments to Asia pacific, America, EMEA or India regions 1x per system

S26361-F1452-E110 REGION KIT JP For Shipments to Japan regions 1x per system
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i Power cord has to be ordered separately

max.
2x

Power cord options (1x per PSU)	
T26139-Y1968-E100	Powercord for rack, 4m, grey, IEC 320 C13 -> C14 connector
T26139-Y1742-E10	USA, Canada, 1.8m, grey
T26139-Y3850-E10	Option "no powercord", for Countries without specific cable orderable like e.g. China

End PRIMERGY RX100 S7p

