

PRIMERGY RX1330M1

System configurator and order-information guide

June 2016

Contents

Instructions

Configuration diagram

Configurator

- I Basic unit
- II Processor
- III Memory
- IV Riser Card
- V Graphics
- VI Accessible drives
- VII Hard disk drives
- VIII SAS and RAID controller for SAS 2.0
- IX SAS and RAID controller for SAS 3.0
- X Fibre Channel
- XI Communication/Network
- XII ServerView Remote Management
- XIIV Miscellaneous
- XIV Country specific power cord
- XV Energy Star

Change report



PRIMERGY Server

Instructions

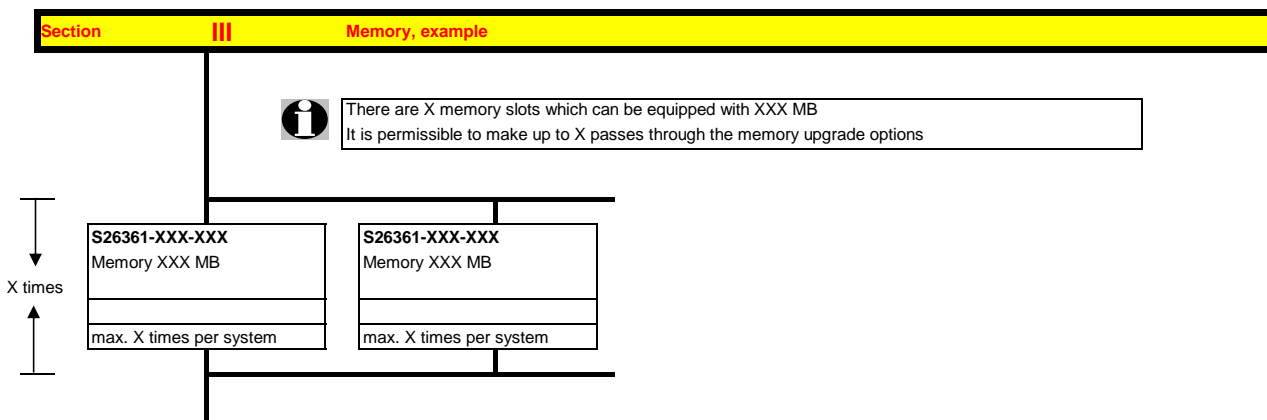
This document contains basic product and configuration information that will enable you to configure your system via PC-/System-Architect

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

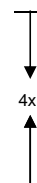
You can configure your individual PRIMERGY server in order to adjust your specific requirements.

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.



Further information in the internet see:

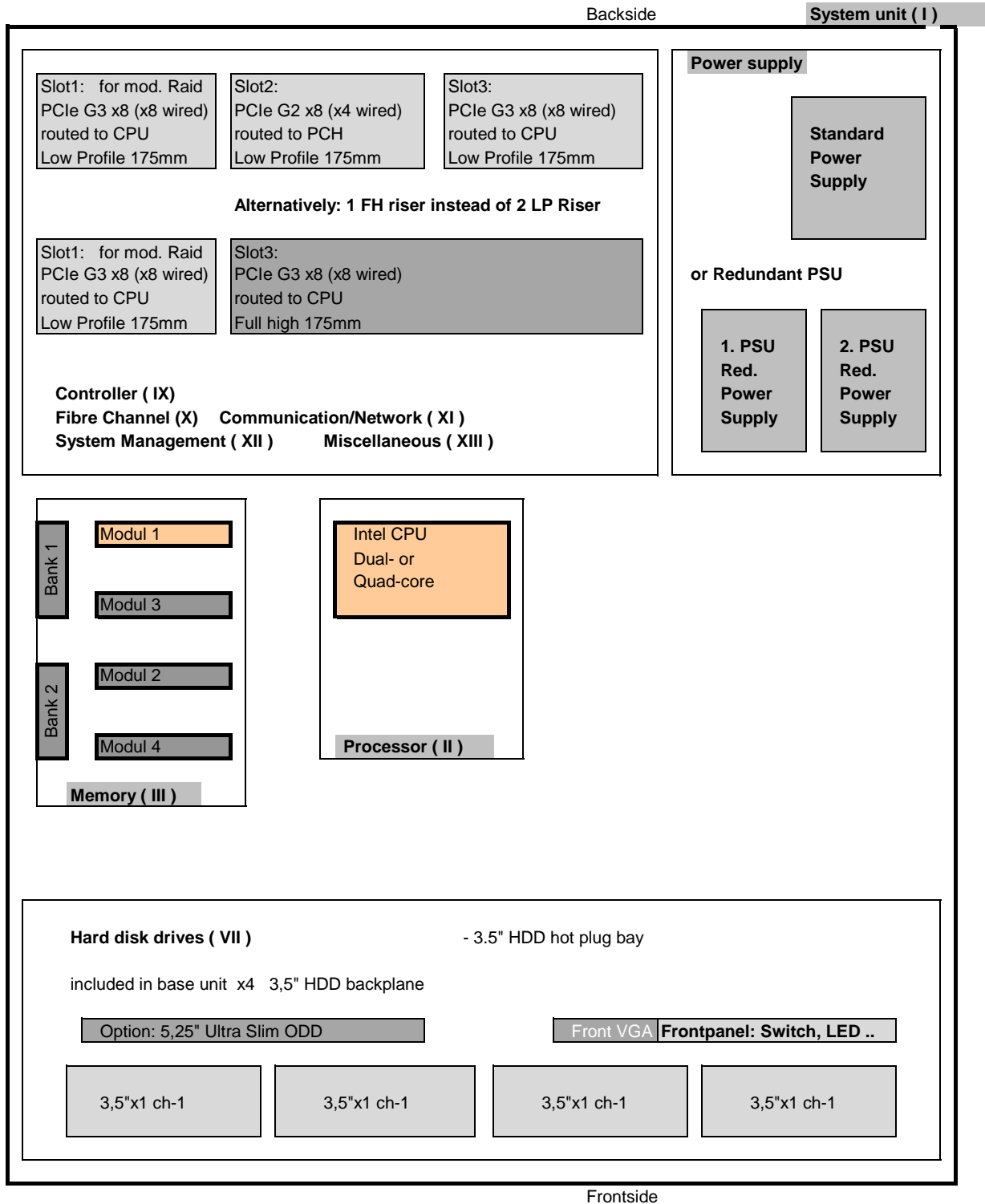
http://ts.fujitsu.com/products/standard_servers/index.html (internet)

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

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

Configuration diagram PRIMERGY RX1330M1

with 3.5" Hard disk drives



Key:

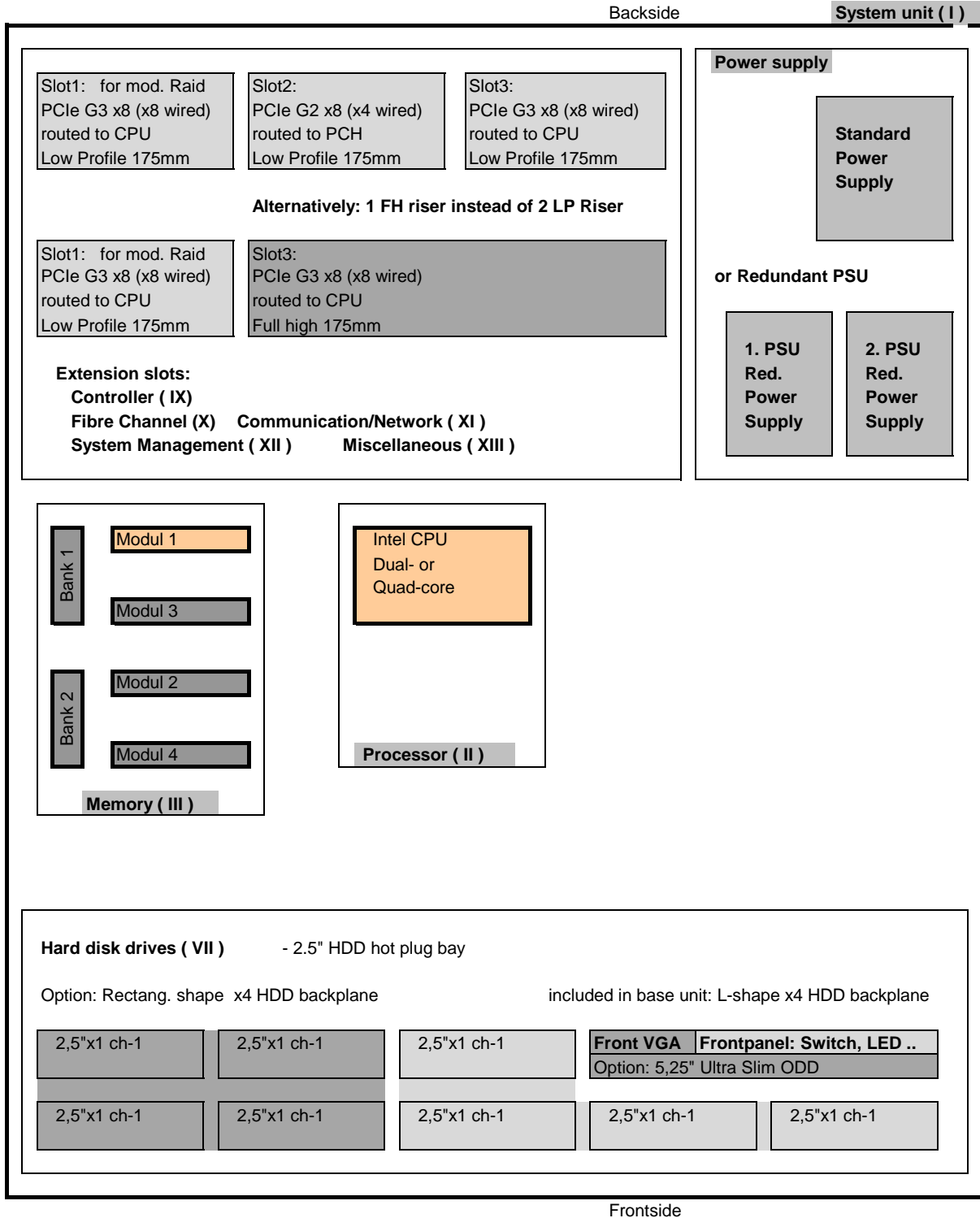
Included in basic unit

Option

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

Configuration diagram PRIMERGY RX1330M1

with 2.5" Hard disk drives

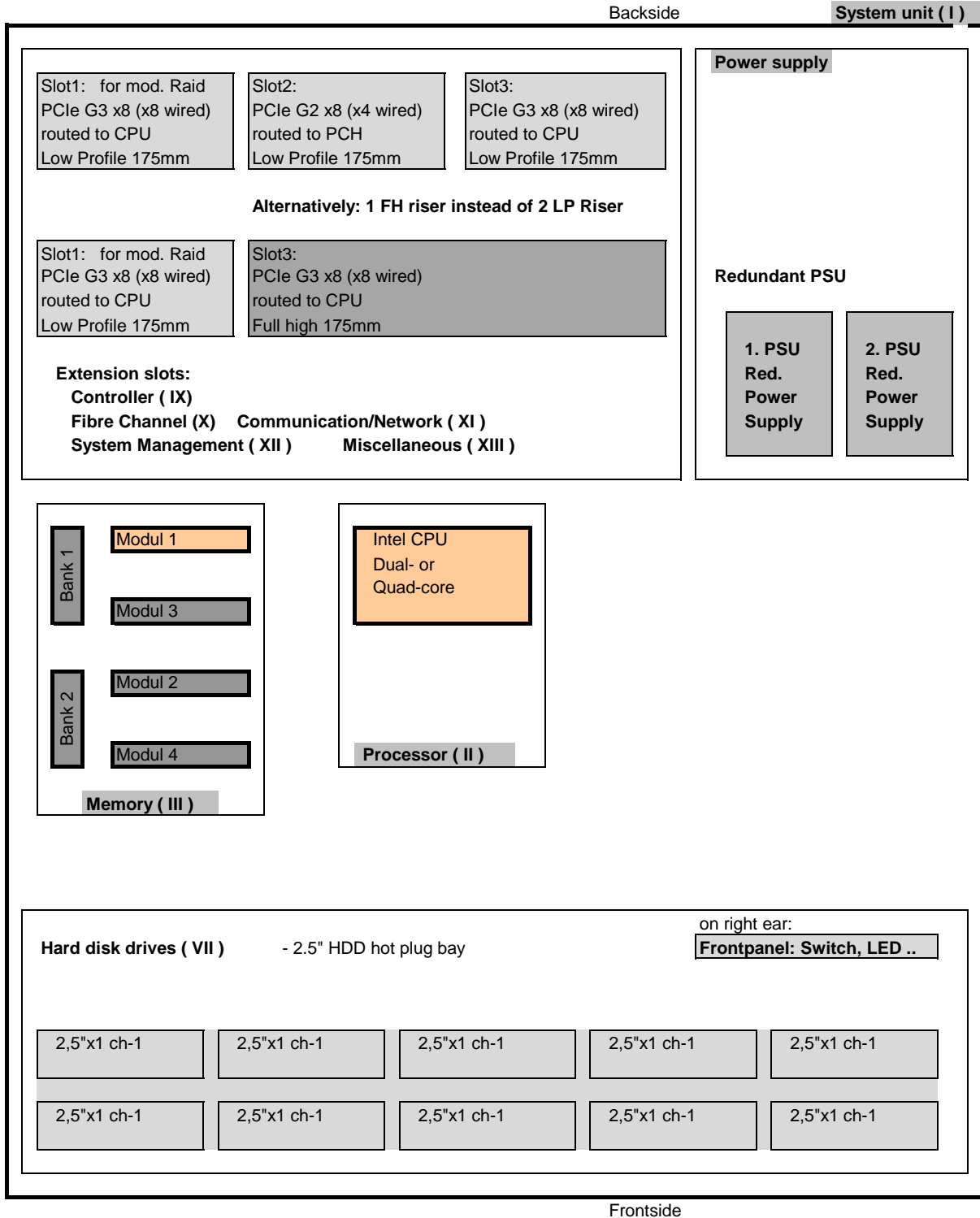


Key:

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

Configuration diagram PRIMERGY RX1330M1

with 2.5" Hard disk drives



Key:

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

Section 1 | Basic unit

**System unit including:**

- * **1U Housing**
- * **1 power supply** (Standard Ps with 300W or two 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**
 - 4 bays 3.5" for hot-plug HDDs **or**
 - 4 or 8 bays 2.5" for hot-plug HDDs **or**
 - 10 bays 2.5" for hot-plug HDDs
 - 1 bay for optional SATA ODD (not for 10x 2.5" HDD)
 - 1 bay for Front VGA (not for 10x 2.5" HDD)

Options:

*For indication of a failed component via LED's
Simultaneously components are marked which can be replaced by the customer.
This LEDs can be displayed during service even without mains connection.*

Front VGA

Systemboard with:

- Mono Processor Board with LGA1155 socket and Intel® C226 (codenamed Bromolow Cougar Point advanced) (s. section II)
- Ip Slot 1 (left): PCIe Gen3 x8 from CPU (mech x8), Ip Slot 2 (middle): PCIe Gen2 x4 from PCH (mech x8) (lp = low profile)
- Ip Slot 3 (right = near to PSU) : PCIe Gen3 x8 from CPU (mech x8)
- Slot 3 and Slot 2's riser can be replaced by another riser to support 1 full height PCIe Gen3 x8 from CPU (mech x8)
- 4 memory slots (s. section III)
- SATA RAID on-board or SAS RAID controller in slot 1 (s. section IX) slot 1
- 2x 1 Gbit Ethernet LAN Intel 82579 (Lewisville) + RTL8211E on-board with ToE and iSCSI boot integrated in System BIOS as selectable option
- **iRMC S4** (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 S4 (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
- 4x USB 2.0 (UHCI) with 480MBit/s (2x external rear, 2x internal)
- 4x USB 3.0 (UHCI) with 5 GBit/s (2x external rear, 2x external frontside)
- 2x LAN RJ45 (1x shared), 1x Service-LAN RJ45

Cables:

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

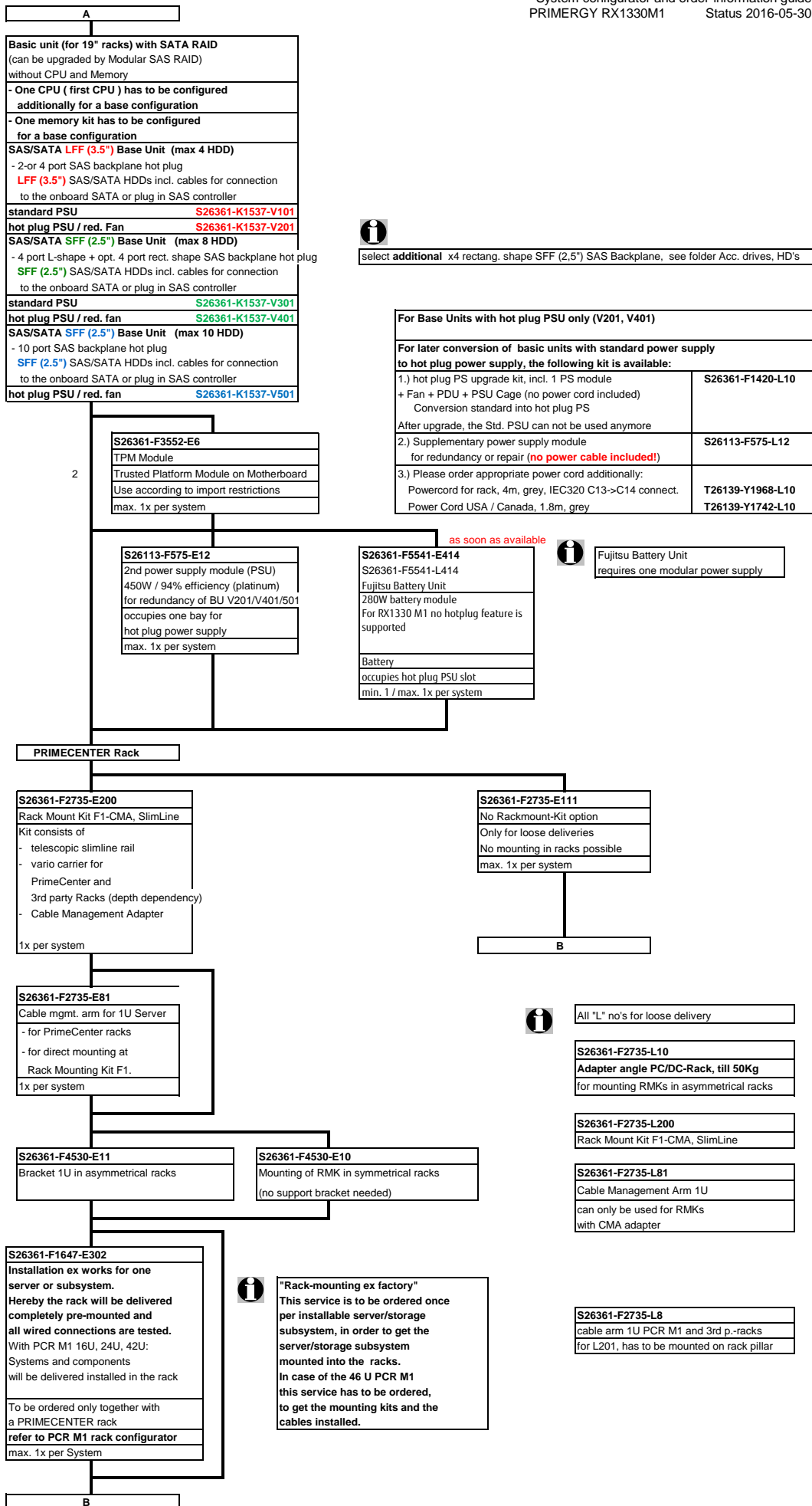
Software:

- 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 RX1330M1 is not included in the basic unit and has to be configured separately

A



select **additional** x4 rectang. shape SFF (2.5") SAS Backplane, see folder Acc. drives, HD's

For Base Units with hot plug PSU only (V201, V401)	
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	S26361-F1420-L10
2.) Supplementary power supply module for redundancy or repair (no power cable included!)	S26113-F575-L12
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



Fujitsu Battery Unit
requires one modular power supply

S26113-F575-E12
2nd power supply module (PSU)
450W / 94% efficiency (platinum)
for redundancy of BU V201/V401/501
occupies one bay for
hot plug power supply
max. 1x per system

S26361-F5541-E414
S26361-F5541-L414
Fujitsu Battery Unit
280W battery module
For RX1330 M1 no hotplug feature is supported

Battery
occupies hot plug PSU slot
min. 1 / max. 1x per system

as soon as available

"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 M1 this service has to be ordered, to get the mounting kits and the cables installed.

B

Section 2 II Processor

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 TLC)
occupies socket for one CPU

Celeron		
Celeron G1820 2.7GHz 2C/2T 2MB 1333MHz (54W)	S26361-F3581-E182	on special release
Pentium		
Pentium G3420 3.2GHz 2C/2T 3MB 1600MHz (54W)	S26361-F3581-E232	
Core i3		
Core i3-4330 3.5GHz 2C/4T 4MB 1600MHz (54W)	S26361-F3581-E243	
Quad-Core XEON CPU's		
- 1x 64-bit Intel Xeon UP (8MB shared TLC = Third Level Cache) Hyper-Threading; 1600 MHz DDR3 Bus and heat pipe occupies socket for one CPU		
Xeon E3-1220v3 3.1GHz 4C/4T 8MB 1600MHz Turbo (80W)	S26361-F3581-E322	
Xeon E3-1231v3 3.3GHz 4C/8T 8MB 1600MHz Turbo (80W)	S26361-F3581-E423	
Xeon E3-1241v3 3.4GHz 4C/8T 8MB 1600MHz Turbo (80W)	S26361-F3581-E424	on special release
Xeon E3-1271v3 3.5GHz 4C/8T 8MB 1600MHz Turbo (80W)	S26361-F3581-E427	
Xeon E3-1281v3 3.6GHz 4C/8T 8MB 1600MHz Turbo (82W)*	S26361-F3581-E428	on special release
Xeon E3-12xxL Power Optimized		
- 1x 64-bit Intel Xeon LV UP (8MB shared TLC = Third Level Cache) Hyper-Threading (HT); 1600 MHz DDR3 Bus and heat pipe occupies socket for one CPU		
Xeon E3-1240LV3 2.0GHz 4C/8T 8MB 1600MHz Turbo (25W)	S26361-F3581-E414	
Xeon E3-1275LV3 2.7GHz 4C/8T 8MB 1600MHz Turbo (45W)	S26361-F3581-E417	

on special release

on special release

on special release

* not supported for Advanced Thermal Design and 10x2.5" system

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.
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.

4x

- One DDR3- unbuffered ECC memory module, 1.35V		
4GB (1x4GB) 2Rx8 L DDR3-1600 U ECC	S26361-F5312-E514	
8GB (1x8GB) 2Rx8 L DDR3-1600 U ECC	S26361-F5312-E518	

Choose up to 4 order codes above.

Section 4 IV Riser Card

i Three low profile riser cards are included in basic unit

S26361-F1420-E210 FH KIT this kit supports 1x full height PCIe card remove 2x low profile riser (Slot2, 3) stuff into Slot 3	S26361-F1420-L210 FH KIT this kit supports 1x full height PCIe card remove 2x low profile riser stuff into Slot 3
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Section 5 V Graphics

i Graphics Controller integrated in iRMC S4 (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)

1x

Opt. Front VGA
Please refer to Sys.Manag. XII

i

i Optional Front VGA only possible for onboard graphics not for 10x HDD -V501

S26361-F2748-E638 PGRA CP NVS 1GB VGA LP PCIe x16 NVIDIA NVS315 1024 MB PCIe-x16 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

The high end optional NVIDIA NVS315 graphic card offers dual head operation and fully 3D video support.
The cables for either two times DVI-I or VGA connections are part of the delivery.
Remote Video direction via iRMC must be disabled.
This PCIe-x16 card can also be installed in slit PCIe-x4, x8 or standard x16 slot.
Only one card per server is allowed.

PY VGA card must be installed in slot 3


S26361-F2748-L638 PGRA CP NVS 1GB VGA PCIe x16 for loose delivery
--

C

C


Section 6 VI Accessible drives

Setup PRIMERGY RX1330M1 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 MemoryBird connected


 If installation is done locally, make sure you have USB stick available for driver installation.

not for 10x HDD -V501

	<i>as soon as available</i>	
S26361-F3778-E1 DVD-RW supermulti ultraslim SATA 8x DVD 24x CD 9.5mm x 5.25", black bezel max. 1x per system	S26361-F3641-E6 Blu-ray Triple Writer ultraslim SATA 6x BD-RW, 8x DVD, 24x CD BD DL and all CD/DVD formats 9.5mm x 5.25", black bezel max. 1x per system	S26361-F3718-E2 DVD-ROM ultraslim SATA 16x DVD 48x CD 9.5mm x 5.25", black bezel max. 1x per system

 no SATADOM if ODD selected

SSD SATADOM SATA 6Gb/s as boot device, non hot-plug	
64GB, Endurance=172 TBW (Seq. write)	S26361-F5533-E64
128GB, Endurance=345 TBW (Seq. write)	S26361-F5533-E128
SATADOM is designed for use as a boot drive with the Endurance Spec. above. Vmware is not supported.	Special release Special release
max. 1x per system, System On-board SATA Interface=3Gb/s	

 **SATADOM connection**
 If SATADOM is configured than ODD & UFM is not supported

BD LW Blue Ray *as soon as available*, S26361-Fxxxx

D

D

Section 7 VII Hard disk drives

Configurations with Eco SATA can only be mixed with BC SATA HDD type, not with 3.5" SAS HDD
 SAS and BC SATA drives with the same size can be mixed, but not used in one logical RAID volume
 SAS HDD requires SAS Controller
 *) SSD Read-Intensive Endurance=0.3DWPD over 5y
 **) SSD Mainstream Endurance=10DWPD over 5y
HDD Classes
 ECO SATA: Entry Class Drives
 BC SATA=Nearline SATA Enterprise Drives
 BC SAS=Nearline SAS Enterprise Drives
 SAS 10K and 15K: Enterprise Drives with maximum performance and reliability

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 4 SATA hard disks

4x

Economy (ECO) SATA 6Gb/s HD 3.5" with hot plug/hot replace tray	
250GB 7.200rpm,<12,0ms, 16MB, Cache AF (512e)	S26361-F3814-E250
500GB 7.200rpm,<12,0ms, 16MB, Cache AF (512e)	S26361-F3814-E500
max. 4x per system	

as long as in stock

SAS 6Gb/s 3.5" with hot plug/hot replace tray	
300GB 15000rpm,<4,5ms, 16MB Cache,	S26361-F3819-E530
450GB 15000rpm,<4,5ms, 16MB Cache	S26361-F3819-E545
600GB 15000rpm,<4,5ms, 16MB Cache	S26361-F3819-E560
SAS 6Gb/s 2.5" HDD with 3.5" hot plug/hot replace tray	
300GB 15000rpm,<3ms, 64MB Cache,	S26361-F5521-E530
450GB 15000rpm,<3ms, 64MB Cache	S26361-F5521-E545
600GB 15000rpm,<3ms, 64MB Cache	S26361-F5521-E560
max. 4x per system	

Business Critical (BC) SATA 6Gb/s HD 3.5" with hot plug/hot replace tray	
500GB 7.200rpm,<9,0ms, 64MB Cache	S26361-F3815-E500
1TB 7.200rpm,<9,0ms, 64MB Cache	S26361-F3815-E100
2TB 7.200rpm,<9,0ms, 64MB Cache	S26361-F3815-E200
3TB 7.200rpm,<9,0ms, 64MB Cache	S26361-F3815-E300
4TB 7.200rpm,<9,0ms, 64MB Cache	S26361-F3815-E400
6TB 7.200rpm,<9,0ms, 128MB Cache, 512e	S26361-F3904-E600
max. 4x per system	

SSD SATA 6Gb/s, 2.5" SSD with 3.5" hot plug/hot replace tray (H-P)	
120GB, Enterprise, Read-Intensive*	S26361-F5530-E120
240GB, Enterprise, Read-Intensive*	S26361-F5530-E240
480GB, Enterprise, Read-Intensive*	S26361-F5530-E480
800GB, Enterprise, Read-Intensive*	S26361-F5530-E800
100GB, Enterprise, Mainstream Endurance**	S26361-F5289-E100
200GB, Enterprise, Mainstream Endurance**	S26361-F5289-E200
max. 4x per system	

E

E

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 hard disks
 For up to 8/10 SFF SAS hard Drives, you must configure 1 SAS controller



- not for 10x HDD -V501

S26361-F1537-E140 8x2.5 HDD kit

this kit supports 4x 2.5" additional HDD
 includes rectangular backplane plus
 x4 SAS cable



S26361-F1537-L140 8x2.5 HDD kit

this kit supports 4x 2.5" additional HDD
 includes rectangular backplane plus
 x4 SAS cable

4/ 8/10x

SSD SATA 6Gb/s 2.5" with hot plug/hot replace tray (H-P)	
120GB, Enterprise, Read-Intensive*	S26361-F5525-E120
240GB, Enterprise, Read-Intensive*	S26361-F5525-E240
480GB, Enterprise, Read-Intensive*	S26361-F5525-E480
800GB, Enterprise, Read-Intensive*	S26361-F5525-E800
100GB, Enterprise, Mainstream Endurance**	S26361-F3821-E100
200GB, Enterprise, Mainstream Endurance**	S26361-F3821-E200
max. 4/ 8/10x	

Business Critical (BC) SATA 6Gb/s HD 2.5" with hot plug/hot replace tray	
250GB 7.200rpm,<9,5ms, 64MB Cache	S26361-F3816-E250
500GB 7.200rpm,<9,5ms, 64MB Cache	S26361-F3816-E500
1TB 7.200rpm,<9,5ms, 64MB Cache	S26361-F3816-E100
max. 4/ 8/10x	

SAS 6Gb/s 2.5" with hot plug/hot replace tray	
300GB 10000rpm,<4,5ms, 32MB Cache	S26361-F3818-E130
450GB 10000rpm,<4,5ms, 32MB Cache	S26361-F3818-E145
600GB 10000rpm,<4,5ms, 32MB Cache	S26361-F3818-E160
900GB 10000rpm,<4,5ms, 32MB Cache	S26361-F3818-E190
1.2TB 10000rpm,<4,6ms, 64MB Cache	S26361-F3818-E112
146GB 15krpm,<4,5ms, 32MB Cache	S26361-F3818-E514
300GB 15krpm,<4,5ms, 32MB Cache	S26361-F3818-E530
450GB 15krpm,<3,0ms, 64MB Cache	S26361-F3818-E545
600GB 15krpm,<3,0ms, 64MB Cache	S26361-F3818-E560
max. 4/ 8/10x	

SAS 12Gb/s 2.5" with hot plug/hot replace tray	
1.8TB, 10000rpm, 128MB Cache, 512e	S26361-F5543-E118
max. 4/ 8/10x	

as soon as available



HDD 512e

512e drives are not supported with
 the current versions of vSphere and VSAN

F

F

Section 8 VIII SAS / RAID-Controller SAS-Controller Low Profile

SAS controller (for external backup drives released and for HDDs/SSDs)

S26361-F3845-E201
 PSAS CP400e

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 2008 based Modular RAID 0,1 (IMR)
 - LSI 2108 based Modular RAID 0, 1, 10, 5, 50, 6, 60
if you want to use SAS harddisks one Controller is required

i F5243-E1/2 (SAS3.0) supports OOB-RAID including OOB-HDD monitoring
 no OOB-HDD cable needed



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
 no 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

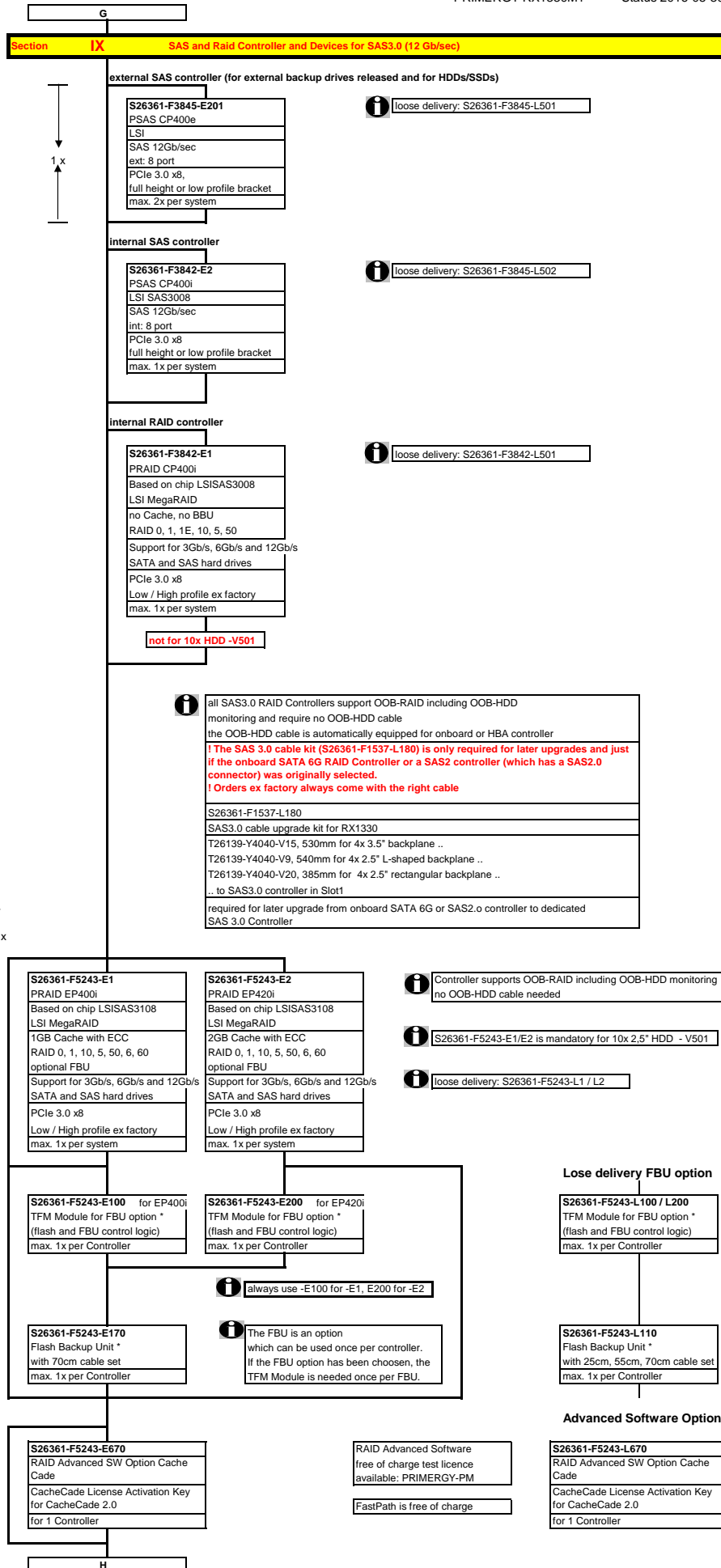
i loose delivery: S26361-F3554-L8 / L512

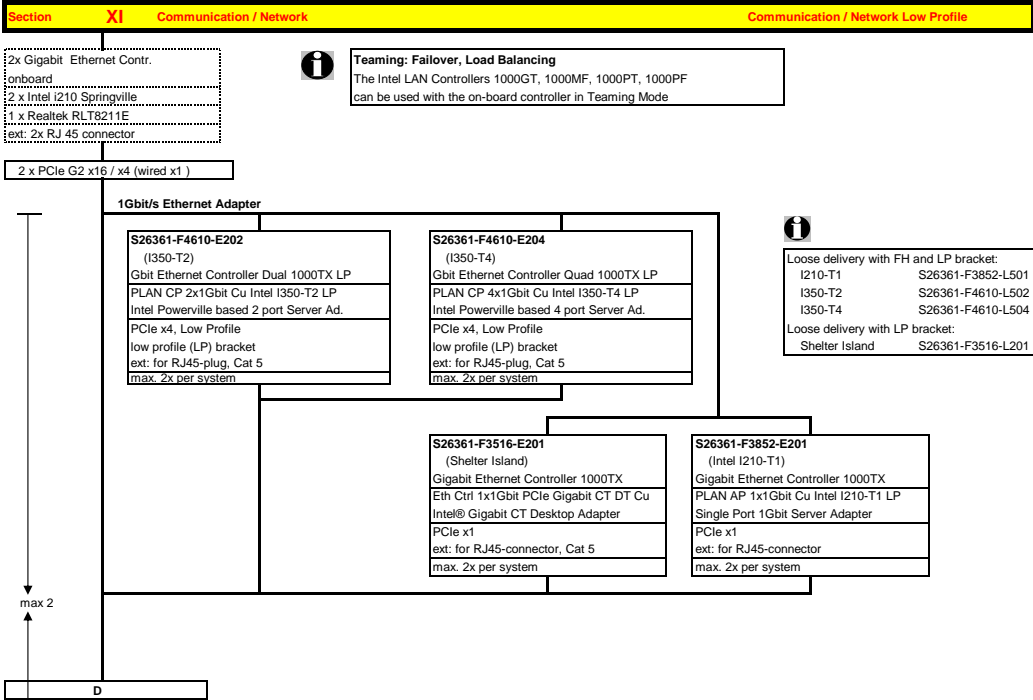
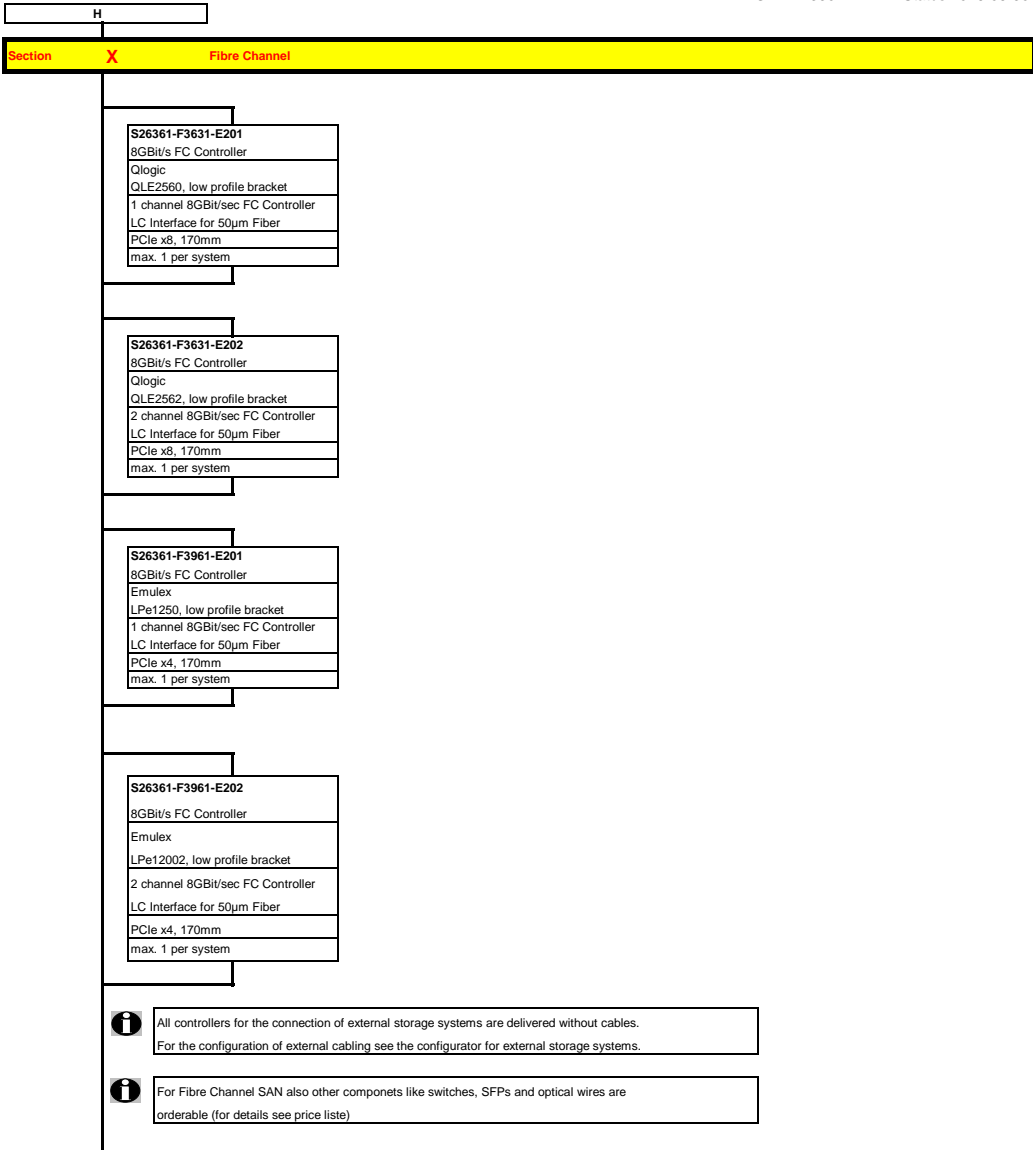
not for 10x HDD -V501

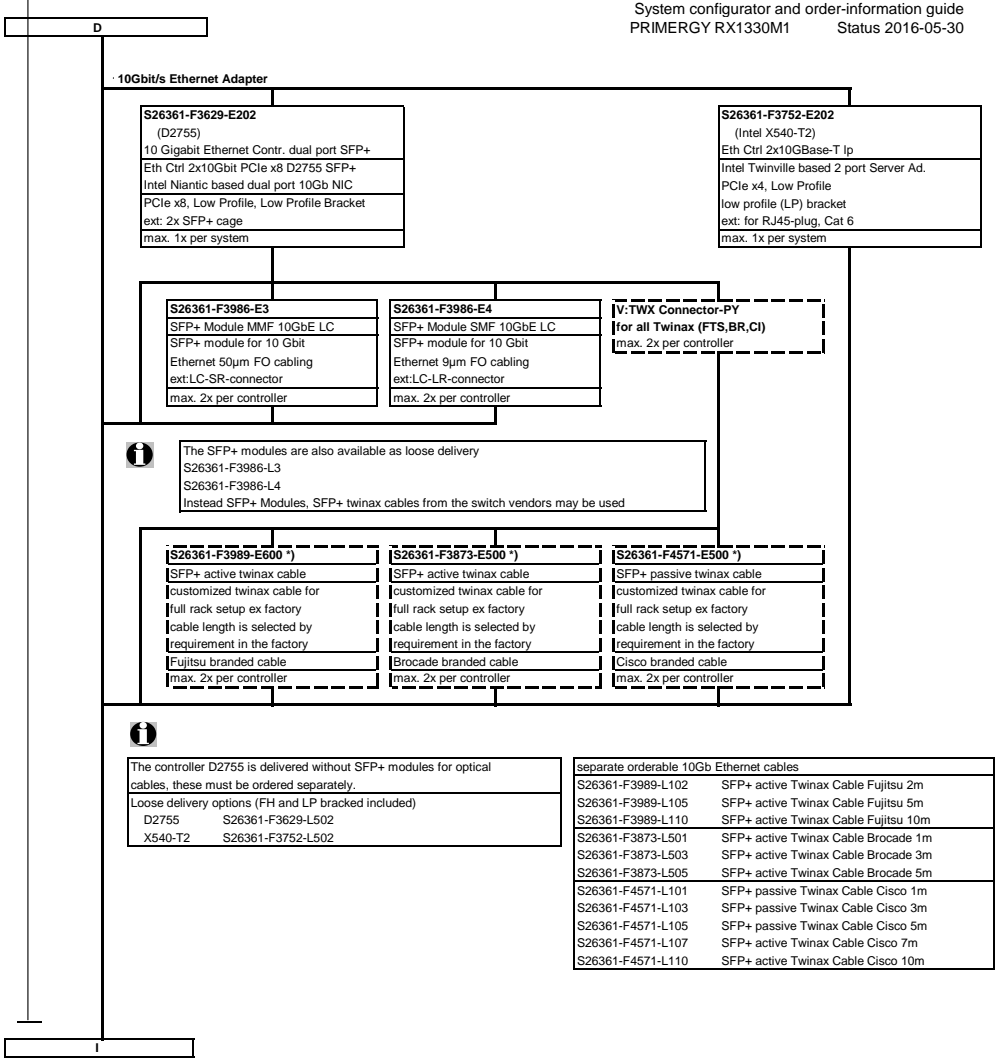


not for 10x HDD -V501

G







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. 1x per system
--

S26361-F3752-E202 (Intel X540-T2) Eth Ctrl 2x10GBase-T Ip Intel Twinville based 2 port Server Ad. PCIe x4, Low Profile low profile (LP) bracket ext: for RJ45-plug, Cat 6 max. 1x per system
--

S26361-F3986-E3 SFP+ Module MMF 10GbE LC SFP+ module for 10 Gbit Ethernet 50µm FO cabling ext:LC-SR-connector max. 2x per controller
--

S26361-F3986-E4 SFP+ Module SMF 10GbE LC SFP+ module for 10 Gbit Ethernet 9µm FO cabling ext:LC-LR-connector max. 2x per controller

V:TWX Connector-PY for all Twinax (FTS,BR,CJ) max. 2x per controller

i The SFP+ modules are also available as loose delivery
 S26361-F3986-L3
 S26361-F3986-L4
 Instead SFP+ Modules, SFP+ twinax cables from the switch vendors may be used

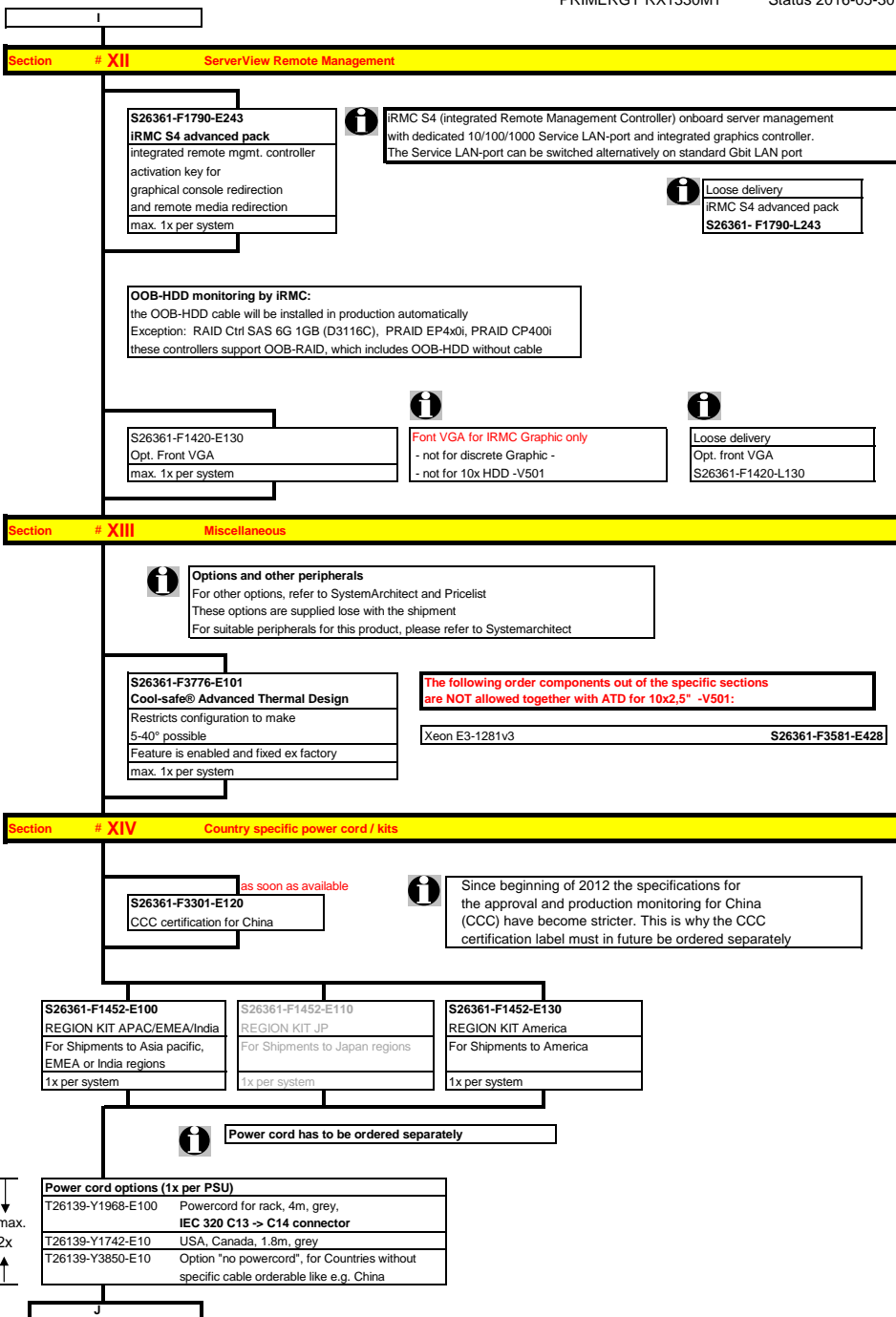
S26361-F3989-E600 * SFP+ active twinax cable customized twinax cable for full rack setup ex factory cable length is selected by requirement in the factory Fujitsu branded cable max. 2x per controller

S26361-F3873-E500 * SFP+ active twinax cable customized twinax cable for full rack setup ex factory cable length is selected by requirement in the factory Brocade branded cable max. 2x per controller

S26361-F4571-E500 * SFP+ passive twinax cable customized twinax cable for full rack setup ex factory cable length is selected by requirement in the factory Cisco branded cable max. 2x per controller
--

i The controller D2755 is delivered without SFP+ modules for optical
 cables, these must be ordered separately.
 Loose delivery options (FH and LP bracketed included)
 D2755 S26361-F3629-L502
 X540-T2 S26361-F3752-L502

separate orderable 10Gb Ethernet cables	
S26361-F3989-L102	SFP+ active Twinax Cable Fujitsu 2m
S26361-F3989-L105	SFP+ active Twinax Cable Fujitsu 5m
S26361-F3989-L110	SFP+ active Twinax Cable Fujitsu 10m
S26361-F3873-L501	SFP+ active Twinax Cable Brocade 1m
S26361-F3873-L503	SFP+ active Twinax Cable Brocade 3m
S26361-F3873-L505	SFP+ active Twinax Cable Brocade 5m
S26361-F4571-L101	SFP+ passive Twinax Cable Cisco 1m
S26361-F4571-L103	SFP+ passive Twinax Cable Cisco 3m
S26361-F4571-L105	SFP+ passive Twinax Cable Cisco 5m
S26361-F4571-L107	SFP+ active Twinax Cable Cisco 7m
S26361-F4571-L110	SFP+ active Twinax Cable Cisco 10m



J

Section XV Energy Star

S26361-F3301-E116
 RX1330 M1 E-Star Fam
 Limits configuration in accordance
 with Energy Star requirements
 max. 1x per system



SATA/SAS LFF (3.5") Base Unit with std PSU	S26361-K1537-V101
SATA/SAS LFF (3.5") Base Unit with red PSU	S26361-K1537-V201
SATA/SAS SFF (2.5") Base Unit with std PSU	S26361-K1537-V301
SATA/SAS SFF (2.5") Base Unit with red PSU	S26361-K1537-V401
SATA/SAS SFF (10 x 2.5") Base Unit with red PSU	S26361-K1537-V501

Quad-Core CPU's	
Pentium G3420 3.2GHz 2C/2T 3MB 1600MHz (54W)	S26361-F3581-E232
Core i3-4330 3.5GHz 2C/4T 4MB 1600MHz (54W)	S26361-F3581-E243
Xeon E3-1220v3 3.1GHz 4C/4T 8MB 1600MHz Turbo (80W)	S26361-F3581-E322
Xeon E3-1231v3 3.3GHz 4C/8T 8MB 1600MHz Turbo (80W)	S26361-F3581-E423
Xeon E3-1271v3 3.5GHz 4C/8T 8MB 1600MHz Turbo (80W)	S26361-F3581-E427
Xeon E3-1281v3 3.6GHz 4C/8T 8MB 1600MHz Turbo (82W)	S26361-F3581-E428
max. 1x per system	

on special release

Unbuffered DIMMs (1.5V)	
4GB (1x4GB) 2Rx8 L DDR3-1600 U ECC	S26361-F5312-E514
8GB (1x8GB) 2Rx8 L DDR3-1600 U ECC	S26361-F5312-E518
max. 4x per system	

DVD & tape Drives	
DVD-RW supermulti ultraslim	S26361-F3778-E1
max. 1x per system	

RAID Controller	
RAID Ctrl. SAS 6G 5/6 512 MB (D2616)	S26361-F3554-E512
PRAID EP400i	S26361-F5243-E1
PRAID EP420i	S26361-F5243-E2
max. 1x each per system	

as soon as available

LAN Controller	
PLAN CP 2x1Gbit Cu Intel I350-T2 LP	S26361-F4610-E202
PLAN CP 4x1Gbit Cu Intel I350-T4 LP	S26361-F4610-E204
Eth Ctrl 1x1Gbit PCIe CT Desktop Cu Ip	S26361-F3516-E201
max. 1x each per system	

Economy SATA 6Gb/s HD 3.5" with hot plug/hot replace tray	
250GB 7.200rpm,<12,0ms, 16MB, Cache AF (512e)	S26361-F3814-E250
500GB 7.200rpm,<12,0ms, 16MB, Cache AF (512e)	S26361-F3814-E500
max. 4x per system	

Business Critical (BC) SATA 6Gb/s HD 3.5" with hot plug/hot replace tray	
500GB 7.200rpm,<9,0ms, 64MB Cache	S26361-F3815-E500
1TB 7.200rpm,<9,0ms, 64MB Cache	S26361-F3815-E100
2TB 7.200rpm,<9,0ms, 64MB Cache	S26361-F3815-E200
3TB 7.200rpm,<9,0ms, 64MB Cache	S26361-F3815-E300
4TB 7.200rpm,<9,0ms, 64MB Cache	S26361-F3815-E400
max. 4x per system	

SAS 6Gb/s 3.5" with hot plug/hot replace tray	
300GB 15000rpm,<4,5ms, 16MB Cache,	S26361-F3819-E530
450GB 15000rpm,<4,5ms, 16MB Cache	S26361-F3819-E545
600GB 15000rpm,<4,5ms, 16MB Cache	S26361-F3819-E560
max. 4x per system	

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Business Critical (BC) SATA 6Gb/s HD 2.5" with hot plug/hot replace tray	
250GB 7.200rpm,<9,5ms, 64MB Cache	S26361-F3816-E250
500GB 7.200rpm,<9,5ms, 64MB Cache	S26361-F3816-E500
1TB 7.200rpm,<9,5ms, 64MB Cache	S26361-F3816-E100
max. 4/ 8/10x	

SAS 6Gb/s 2.5" with hot plug/hot replace tray	
300GB 10000rpm,<4,5ms, 32MB Cache	S26361-F3818-E130
450GB 10000rpm,<4,5ms, 32MB Cache	S26361-F3818-E145
600GB 10000rpm,<4,5ms, 32MB Cache	S26361-F3818-E160
900GB 10000rpm,<4,5ms, 32MB Cache	S26361-F3818-E190
1.2TB 10000rpm,<4,6ms, 64MB Cache	S26361-F3818-E112
max. 4/ 8/10x	

SSD SATA 6Gb/s, 2.5" SSD with 3.5" hot plug/hot replace tray (H-P)	
100GB, Enterprise, Mainstream Endurance**	S26361-F5289-E100
200GB, Enterprise, Mainstream Endurance**	S26361-F5289-E200
max. 4x per system	

as soon as available
 as soon as available

SSD SATA 6Gb/s 2.5" with hot plug/hot replace tray (H-P)	
100GB, Enterprise, Mainstream Endurance**	S26361-F3821-E100
200GB, Enterprise, Mainstream Endurance**	S26361-F3821-E200
max. 4/ 8/10x	

as soon as available
 as soon as available

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Section XVI CCC exclusions

S26361-F3301-E120
 CCC Certification for China
 Limits configuration in accordance
 with CCC exclusions
 max. 1x per system

**The following order components out of the specific sections
 are NOT allowed together with CCC Certification for China:** 

Opt. Front VGA	S26361-F1420-E130
Cable powercord rack, 4m, grey	T26139-Y1968-E100
Leitung Netzanschluss (USA), schwarz, 1,8m	T26139-Y1742-E10
TPM Modul	S26361-F3552-E6

End PRIMERGY RX1330 M1

