

PRIMERGY TX150 S6

System configurator and order-information guide

May 2010

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PRIMERGY Server

Instructions

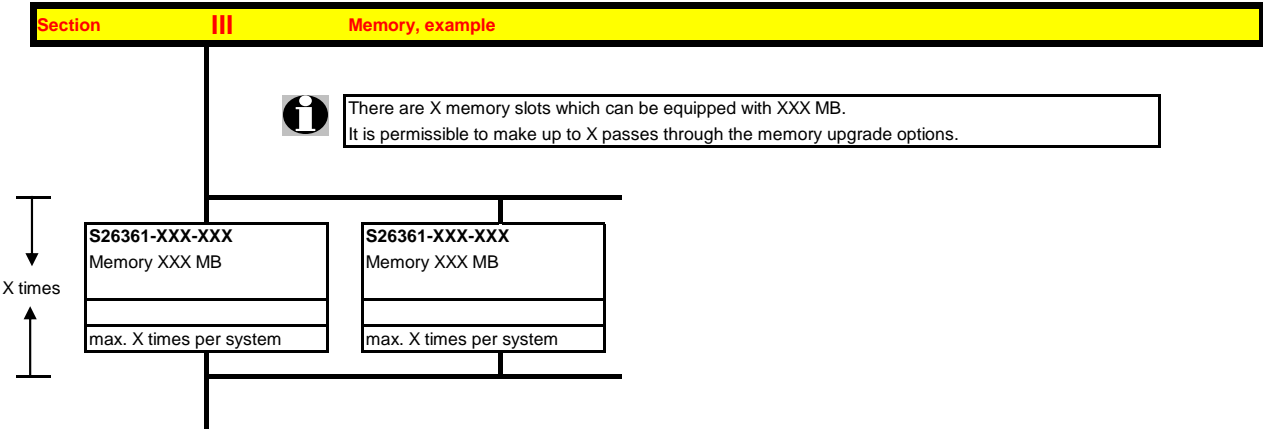
This document contains basic product and configuration information that will enable you to configure your system via PC-/ System-Architect.

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

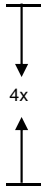
You can configure your individual PRIMERGY server in order to adjust your specific requirements.

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.



For further information see:

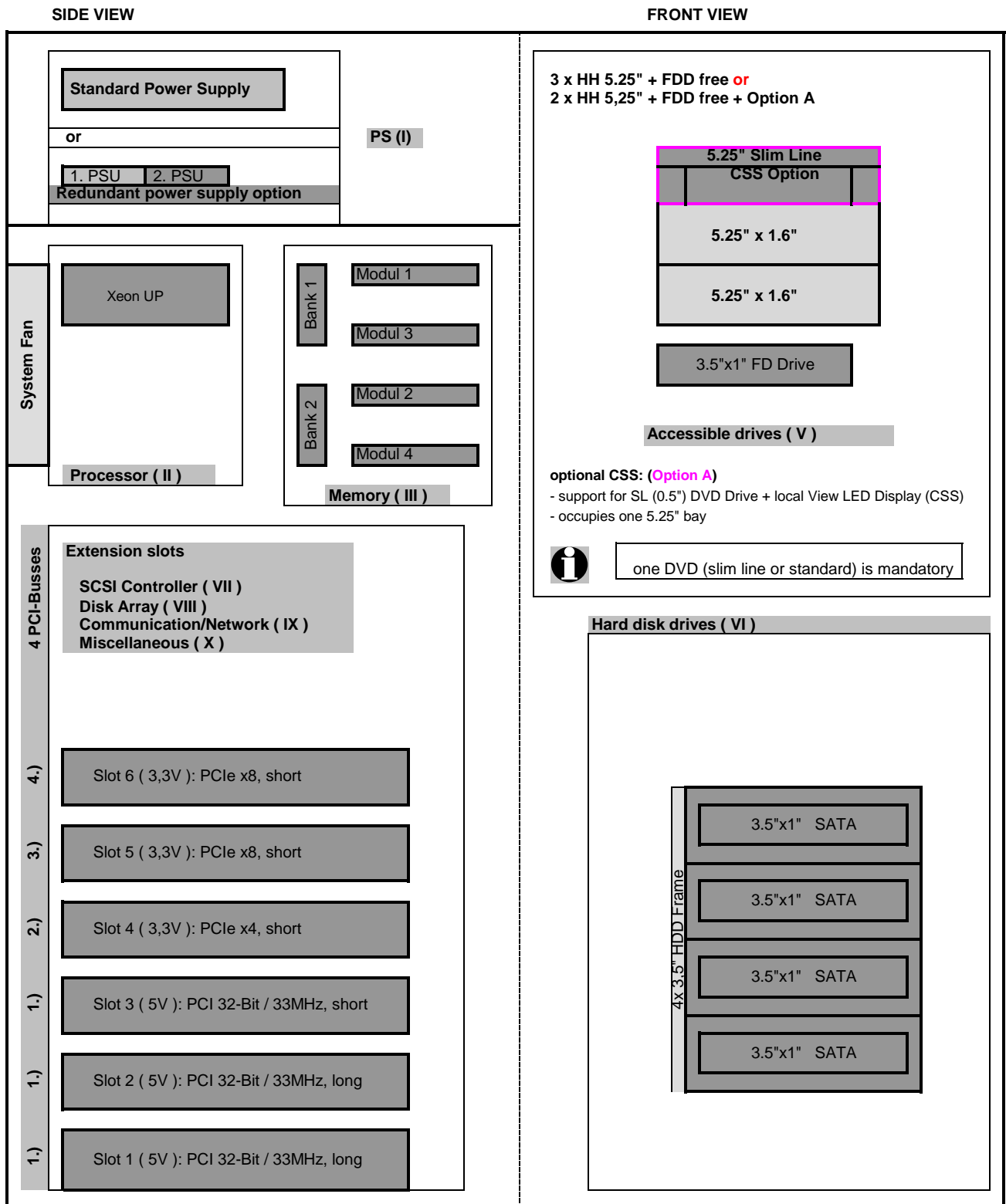
http://ts.fujitsu.com/products/standard_servers/inc (internet)

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 TX150 S6 SATA LFF (3.5") System Unit

System unit (I)

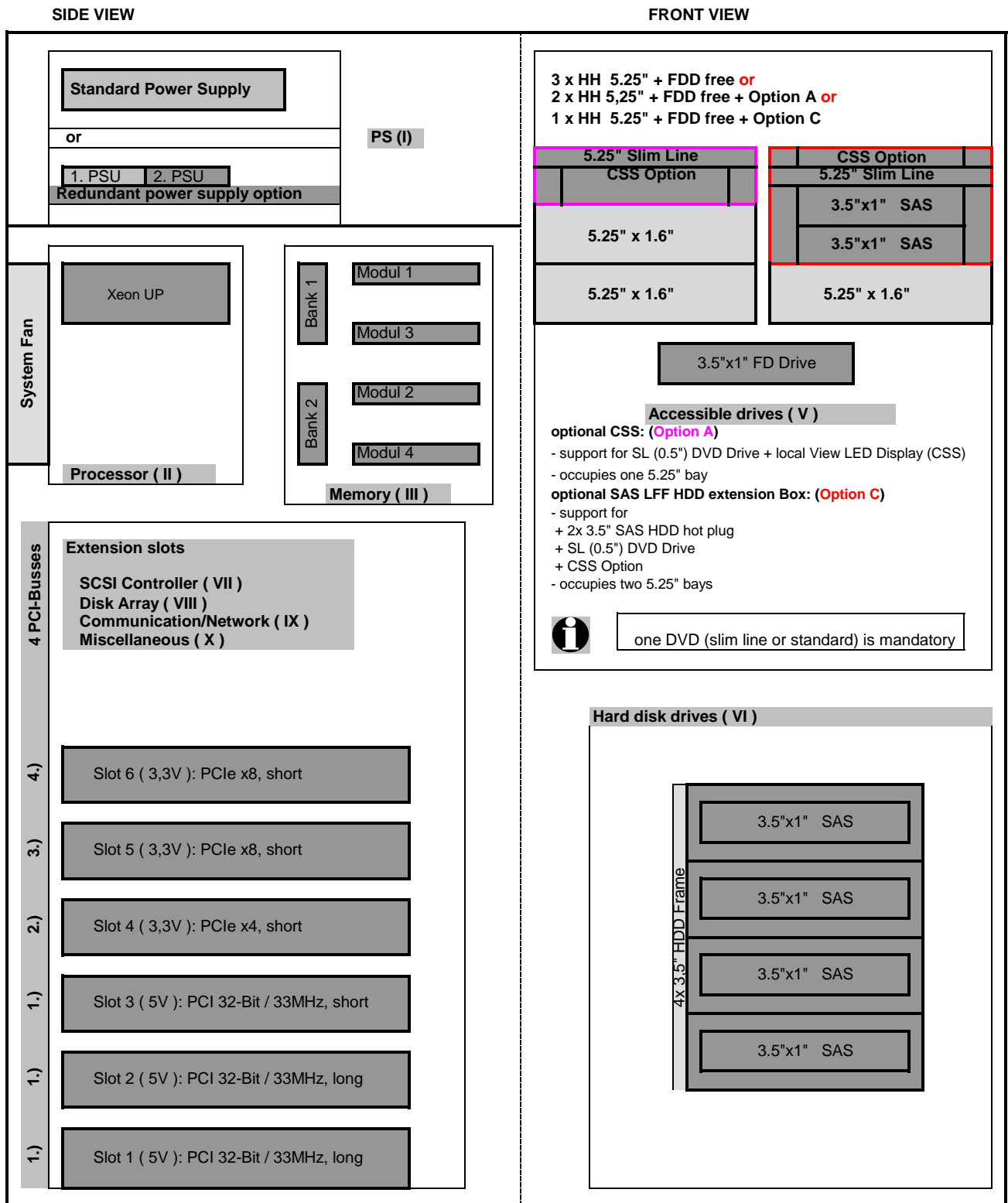


Key:

- Included in basic unit
- Option

Configuration diagram PRIMERGY TX150 S6 SAS LFF (3.5") System Unit

System unit (I)



Key:

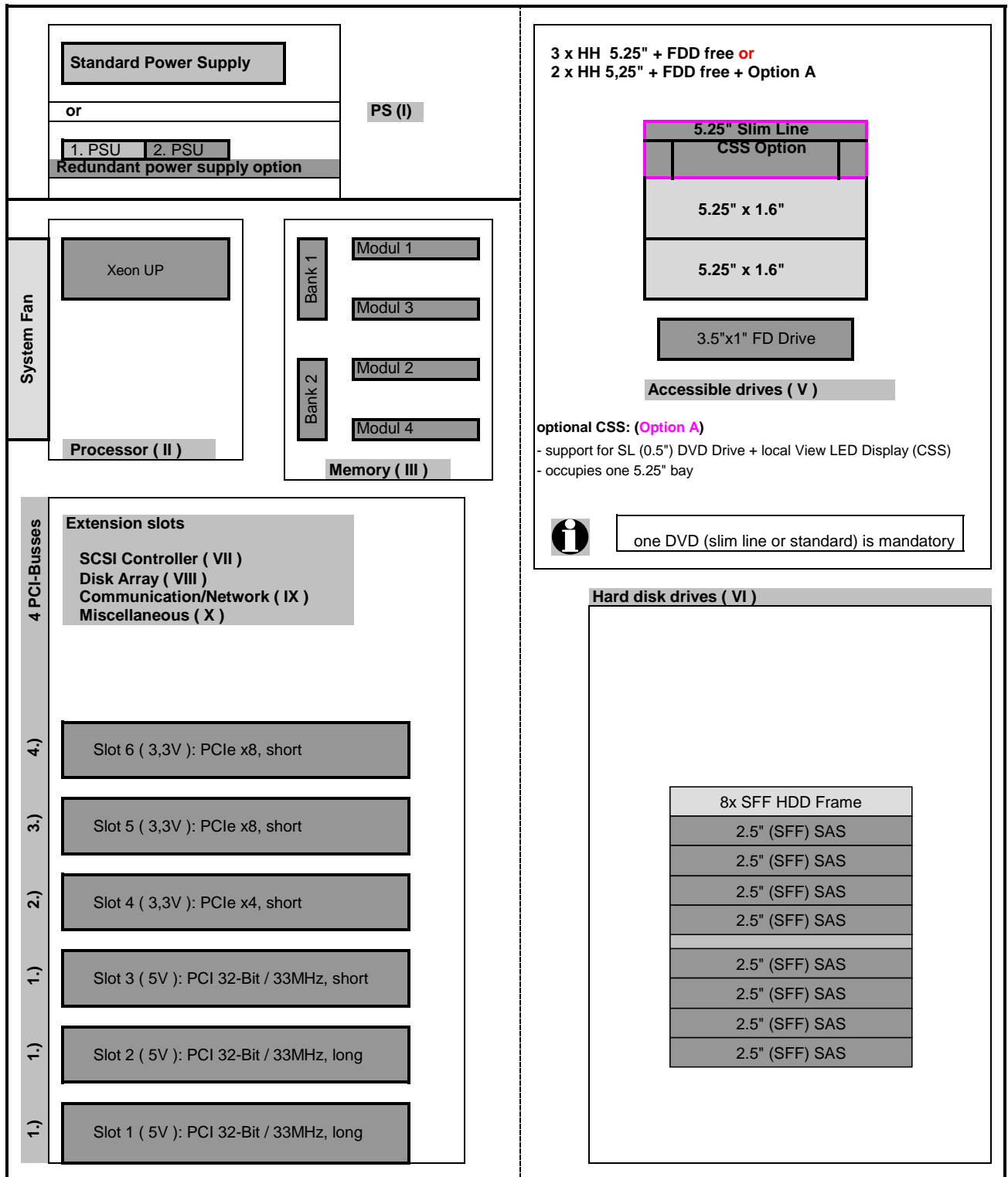
- Included in basic unit
- Option

Configuration diagram PRIMERGY TX150 S6 SAS SFF (2.5") System Unit

System unit (I)

SIDE VIEW

FRONT VIEW



Key:

- Included in basic unit
- Option

Start PRIMERGY TX150 S6

SW Configurator IA32

with OEM-Software
for PRIMERGY Server

without OEM-Software
for PRIMERGY 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.

Microsoft - Software: **)
 - Small Business Server 2003
 - Windows Server 2003 R2, Standard Edition
 Enterprise 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)**
 - iRMC2 advanced Pack
 - RemoteDeploy



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

Backup-Software / Application-Software: U
 - ARCserve



***) Supply over distribution or procurement from FSC VP BC Software

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 TX150 S6

SW Configurator EM64T

with OEM-Software
for PRIMERGY Server

without OEM-Software
for PRIMERGY 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.

only EM64T	Microsoft - Software: W
	- Windows Server 2003 R2, 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

Manageability Software: V**)
- iRMC2 advanced Pack - RemoteDeploy



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



***) Supply over distribution or procurement from FSC VP BC Software

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

**System unit, Rack and Floorstand, including:**

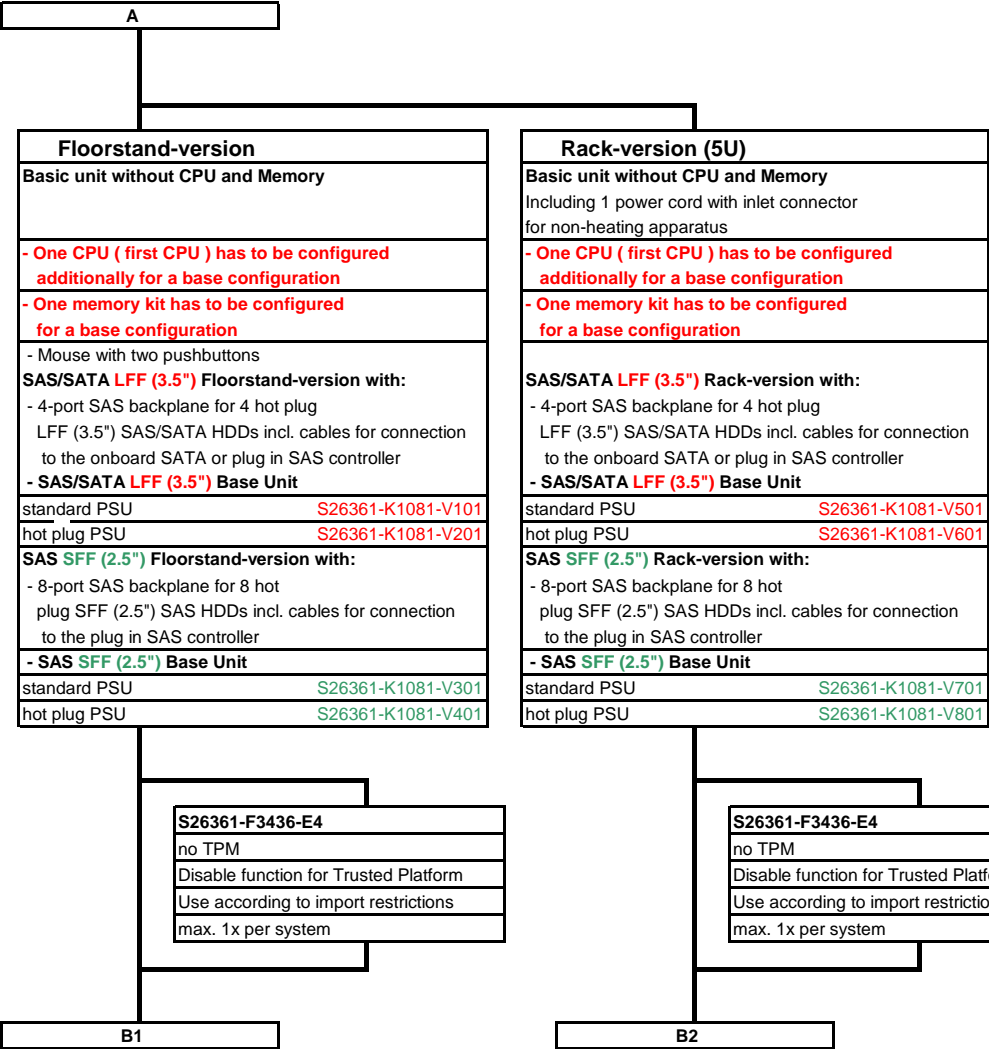
- * **Lockable front door and sliding screen in floorstand version**
sliding screen for accessible drive bays
Door for hot plug HDD bays
Both may be locked or sliding screen may be left open while door is still locked
- * **backplane with 4 bays for hot-plug HD's. Type depending on base unit:**
Type 1: 4x hot plug LFF (3.5") SAS/SATA HDD (SAS/SATA LFF base units only)
Type 2: 8x hot plug SFF (2.5") SAS HDD (SAS SFF base units only)
- * **1 power supply (Standard PS) or hot plug PSU**
in addition there is an upgrade to hot plug redundant PSU available
- * **System fan (No Hot-plug, No redundancy)**
- * **3 bays 5.25" for accessible drives (half Hight)**
- * **1 bay 3.5" for FDD**

- Systemboard with:**
- * **One Xeon UP Dual- or Quad-Core CPU supporting 64Bit EM64T and Intel® VT / EIST / DBS Technology.**
- * **Chipset Intel® 3210 (codenamed Bigby-P)**
- * **6 PCI slots:** 2x PCIe x8, short (167mm max)
1x PCIe x4, short (167mm max)
3x 32Bit / PCI 33MHz, 2x long (5V)
- * **4 memory slots for max. 8GB DDR2 / PC2-6400 RAM**
2-way memory interleave technology => 2 banks with 2 slots each, max. 4GB modul per slot,
- * **SATA-Controller on board (supporting RAID 0/1; RAID 5 with iButton Option)**
- * **1 Gbit Ethernet LAN on board (Bcom 5755) with TPM 1.2**
and iSCSI boot integrated in System BIOS as selectable option
- * **iRMC S2 (integrated Remote Management Controller) on-board server management controller**
with dedicated 10/100 Service LAN-port and
integrated graphics controller (max. Resolution: 1600 x 1200 at 16 bpp)

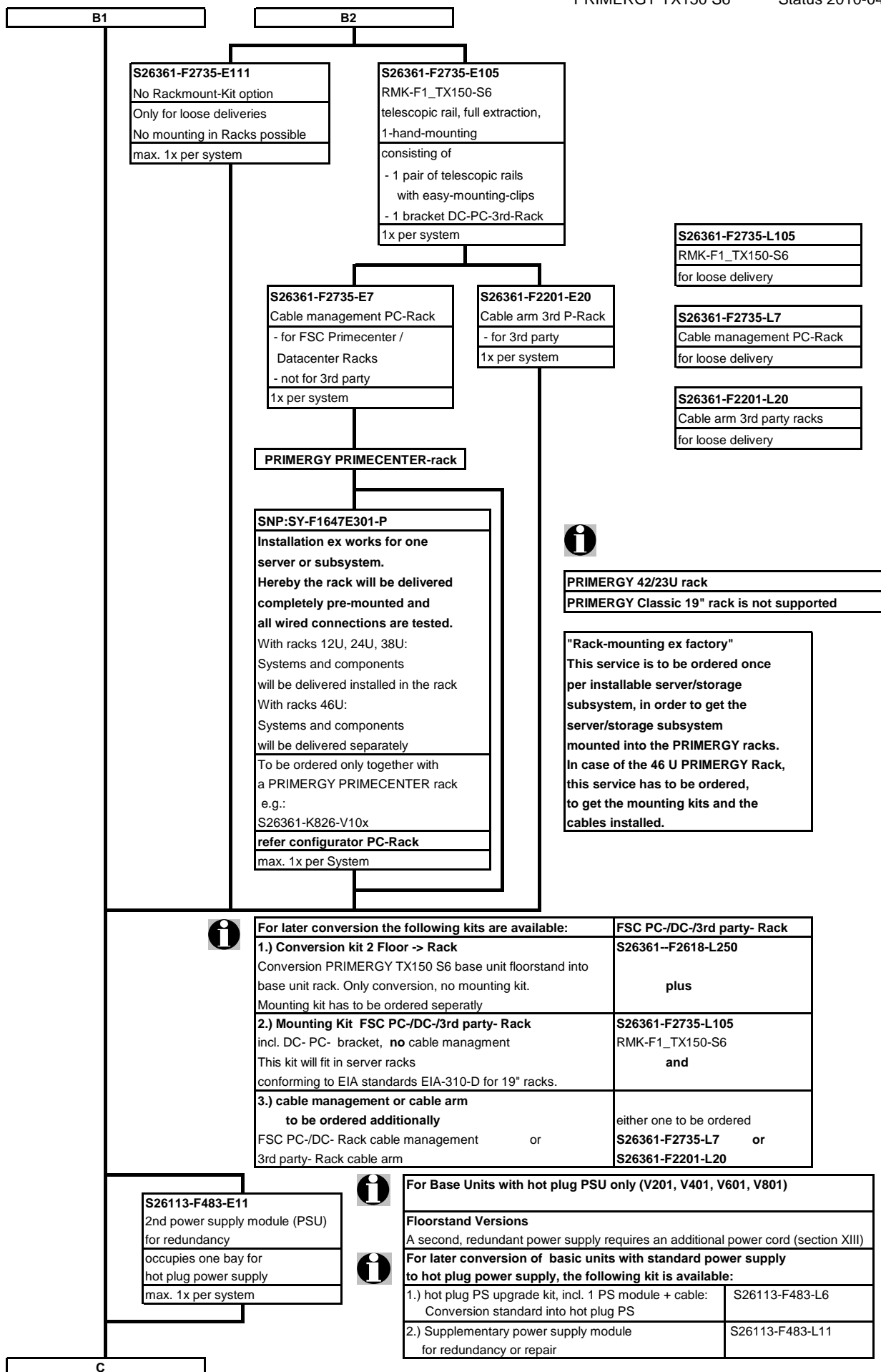
- Interfaces:**
- * 1x RS-232-C (9-pin) (usable for BMC or OS or shared)
- * 1x RS-232-C (serial, 9pin), as option
- * 1x Centronics (parallel, 25 pin, EPP/ECP compatible), as option
- * 1x keyboard (PS/2)
- * 1x mouse (PS/2)
- * 1x VGA (15 pin)
- * 8x USB 2.0 (UHCI) with 480MBit/s (4x external at the rear, 1x external at the frontside,
2x internal USB Interfaces for backup devices 1x internal Type A, no USB wakeup)
- * 1x LAN RJ45, 1x Service-LAN RJ45

- ***Internal Cables:**
- 1. SATA cable for CD/DVD.
- 2. Cable for HDD Backplane
- 3. USB cable (for 1 internal Backup)

- * **PS/2 mouse (floorstand version only)**
- * **ServerView Suite Software package incl. ServerStart, ServerBooks, Management Software and Updates**
- * **Documentation engl. (multilingual on CD)**



The LFF Base Units offer onboard SATA functionality for up to 4 HDD. An additional SAS controller is required if you need support for SAS HDD.




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Section II Processor

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

Dual-Core CPU's	
- 1x 64-bit Intel Pentium Dual Core E5xxx & E6xxx (2MB SLC) or Core2 Duo E7x00 (3MB SLC) or Xeon E31xx (6MB SLC) and heat pipe occupies socket for one CPU	
Pentium Dual Core E5200 (2.50GHz/2M/800) / 65W	S26361-F3239-E520
Pentium Dual Core E6300 (2.80GHz/2M/1066) / 65W	S26361-F3239-E630
Core2 Duo E7400 (2.80GHz/3M/1066) / 65W	S26361-F3239-E740
Core2 Duo E7600 (3.06GHz/3M/1066) / 65W	S26361-F3239-E760
Xeon UP E3110 (3.00GHz/6M/1333) / 65W	S26361-F3239-E311
Xeon UP E3120 (3.16GHz/6M/1333) / 65W	S26361-F3239-E312
Low Voltage Dual-Core CPU's	
- 1x 64-bit Intel Xeon LV UP (6MB SLC) and heat pipe occupies socket for one CPU	
Xeon LV UP L3110 (3.00GHz/6M/1333) / 45W	S26361-F3239-E110
Quad-Core CPU's	
- 1x 64-bit Intel Xeon UP (8/12MB SLC) and heat pipe occupies socket for one CPU	
Xeon UP X3220 (2.40GHz/8M/1066) / 95W	S26361-F3239-E322
Xeon UP X3360 (2.83GHz/12M/1333) / 95W	S26361-F3239-E336
Xeon UP X3370 (3.00GHz/12M/1333) / 95W	S26361-F3239-E337

Section 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.
 - For each basic unit slot 1 has to be equipped with one memory module,
 (either 512MB, 1GB, 2GB)


Minimum one Memory (one module) = first Memory has to be selected for an orderable basic unit

↓ 4x ↑	S26361-F3870-E513 Main memory 512MB DDR2 800/PC2-6400 ub ECC consisting of one module occupies one slot max. 4x per system	S26361-F3870-E514 Main memory 1GB DDR2 800/PC2-6400 ub ECC consisting of one module occupies one slot max. 4x per system	S26361-F3870-E515 Main memory 2GB DDR2 800/PC2-6400 ub ECC consisting of one module occupies one slot max. 4x per system
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Section IV Graphics

 Graphics controller integrated in iRMC2 (integrated Remote Management Controller)
 (max. Resolution: 1600 x 1200 at 16bpp)

S26361-F2748-E533 PY VGA Card 256MB PCI-e x1 NVIDIA Quadro NVS 290 256 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 not supported for Linux OS (native) full height bracket max. 1x per system

 The high end optional NVIDIA NVS290 graphic card offers dual head operation and fully 3D video support.
 The cables for either two times DVI or VGA connections are part of the delivery.
Remote Video direction via iRMC must be disabled.
 This PCIe-x1 card can also be installed in any PCIe-x4, x8 or x16 slot.
 Only one card per server is allowed.

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Section V Accessible drives

i There are **3 bays (1.6" x 5.25")** for accessible drives and 1 bay for FDD.
 For LFF SAS base units an **HDD extension box** can be configured
 (occupies 2x 5,25") providing 2x LFF (3.5") bays for hot plug HDDs.

S26361-F2826-E102
F-D-L-HDD-Box 2
 Occupies **two 5.25" x 1.6" bays**
 in the accessible bay area
 Offers bays for:
 - 1x **CSS** option
 - 1x 0.5 * 5.25" SATA DVD-ROM
 - 2x 1 * 3.5" SAS HD's
 One 0.5 * 3.5" anthracite bezel
 for CSS bay
 One 0.5 * 5.25" anthracite bezel
 for 0.5 * 5.25" DVD bay
 Two 1 * 3,25" anthracite bezels
 for SAS HDD bays
 max. 1 per system

S26361-F2826-E203
 mounting Kit sl DVD and CSS
 Occupies **one 5.25" x 1.6" bays**
 in the accessible bay area
 Offers bays for:
 - 1x CSS option
 - 1x 0.5 * 5.25" SATA DVD-ROM
 max. 1x per system

i F-D-L-HDD-Box 2
 to be used in SAS LFF
 (3.5") Base Unit only
i see Conf. diagram **Option C**

S26361-F2557-E201
 Local Service Panel incl. adapter
 Customer Self Service
 CSS module incl. adapter
 0.5" x 5.25"
 max. 1x per System

i see Conf. diagram
Option A

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

S26361-F3269-E1
 DVD-RW 8x super multi drive
 all formats, DUAL/DL, DVD-RAM
 SATA
 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

S26361-F3266-E1
 DVD-ROM 16/48x
 SATA
 incl. description (Ger/US)
 1.6 x 5.25", anthracite bezel
 max. 1x per system

S26361-F3267-E1
 DVD-RW 16x super multi drive
 all formats, DUAL/DL, DVD-RAM
 SATA
 1.6 x 5.25", anthracite bezel
 max. 1x per system

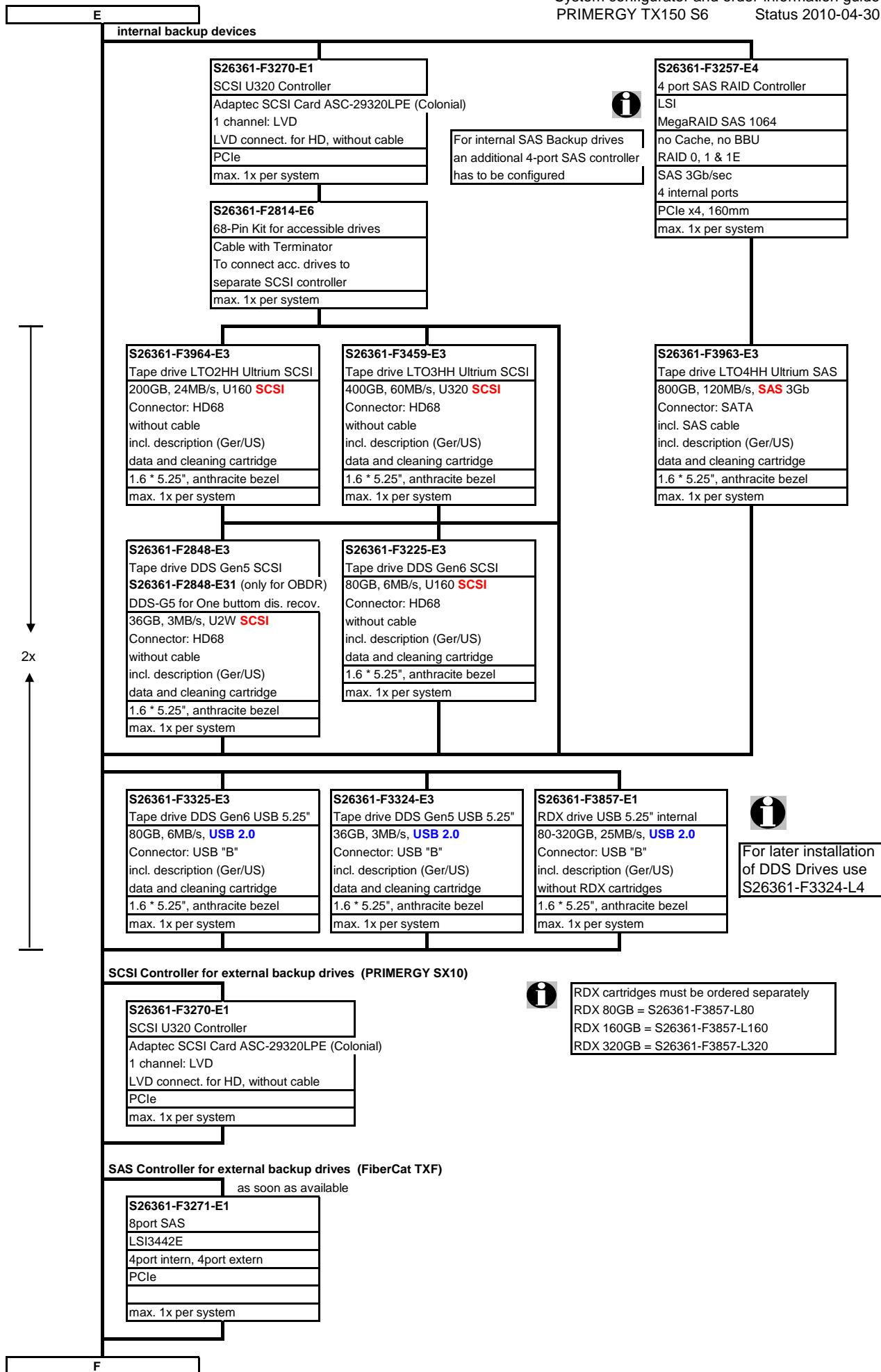
S26361-F3530-E1
 Blu-ray Combo HH SATA
 6x BD-ROM, 16x DVD, 40x CD
 BD DL and all CD/DVD formats
 1.6 x 5.25", anthracite bezel
 max. 1x per system

S26361-F2575-E1
 Floppy disk drive 1"
 Connector: 26pin
 incl. description (Ger/US)
 1" * 3.5", anthracite bezel
 max. 1x per system

i 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) USB Keyboard: KBPC PX D, professional keyboard	S26381-K340-V120
3) USB Mouse: Optical Wheel Mouse Tilt USB/PS2	S26381-K415-L100
4) USB Memorybird:	
Memorybird P 4GB, SLC flash	S26391-F6047-L104
MyUSBS A910 8GB, MLC Flash	S26391-F6048-L208

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Section VI Hard disks drives

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

i There is a 6 port SATA controller in the Base Unit.
 Up to 4 SATA LFF (3.5") hard disks can be configured.
 Mixed Configurations are not supported in SATA base units.
 If you need SAS, you can choose between two types of 8 port SAS controller to enable the Base Unit.
 Up to 4 SAS or SATA LFF (3.5") hard disks can be configured.
 If LFF SAS HDD Extension Box, Option C is used up to 6 SAS LFF (3.5") hard disks can be configured.
 Mixed Configurations of SAS and SATA HDDs connected to the same Backplane are not supported.
 If you need to run Mixed Configurations:
 - order the SATA drives needed as L-Number
 - make shure SAS and SATA drives are not used on the same Backplane

i Hot replace is only possible running RAID.

<p>S26361-F3204-E573 HD 73GB 15krpm 3.5" 15.000rpm,<4ms, 8MB Cache SAS 3Gb/s hot plug/hot replace tray max. 4/6x per system</p>	<p>S26361-F3204-E514 HD 146GB 15krpm 3.5" 15.000rpm,<4ms, 8MB Cache SAS 3Gb/s hot plug/hot replace tray max. 4/6x per system</p>	<p>S26361-F3204-E530 HD 300GB 15krpm 3.5" 15.000rpm,<4ms, 8MB Cache SAS 3Gb/s hot plug/hot replace tray max. 4/6x per system</p>	<p>S26361-F3204-E545 HD 450GB 15krpm 3.5" 15.000rpm,<4ms, 8MB Cache SAS 3Gb/s hot plug/hot replace tray max. 4/6x per system</p>
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4/6x

S26361-F3204-E560
 HD 600GB 15krpm 3.5"
 15.000rpm,<4ms, 8MB Cache
SAS 3Gb/s
 hot plug/hot replace tray
 max. 4/6x per system

S26361-F3218-E160
 HD 160GB 7.2krpm 3.5"
 7200rpm,<9.0 ms, 8MB Cache
SATA 3Gb/s
 hot plug/hot replace tray
 max. 2x per system

4x

S26361-F3265-E250
 HD 250GB 7.2krpm 3.5"
 7200rpm,<9.0 ms, 8MB Cache
SATA 3Gb/s
 hot plug/hot replace tray
 max. 2x per system

S26361-F3265-E500
 HD 500GB 7.2krpm 3.5"
 7200rpm,<9.0 ms, 8MB Cache
SATA 3Gb/s
 hot plug/hot replace tray
 max. 2x per system

S26361-F3265-E750
 HD 750GB 7.2krpm 3.5"
 7200rpm,<9.0 ms, 8MB Cache
SATA 3Gb/s
 hot plug/hot replace tray
 max. 2x per system

S26361-F3265-E100
 HD 1TB 7.2krpm 3.5"
 7200rpm,<9.0 ms, 8MB Cache
SATA 3Gb/s
 hot plug/hot replace tray
 max. 2x per system

SAS SFF (2.5") Base Units: Requires SAS Controller! see section VIII internal Disk Array

i you can choose between two type of 8 port SAS controller for the Base Unit.
 Up to 8 SAS SFF (2.5") hard disks can be configured as standard.

i Hot replace is only possible running RAID.

<p>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</p>	<p>S26361-F3208-E114 HD 146GB 10krpm 2.5" 10000rpm,<4,5ms, 8MB Cache SAS 3Gb/s hot plug/hot replace tray max. 8x per base unit</p>
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8x

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Section VII External SAS Disk Array

S26361-F3890-E1
8 port SAS RAID Controller
LSI MegaRAID SAS8880E
512MB Cache with ECC RAID 0, 1, 10, 5, 50, 6 & 60 without iBBU
SAS 3Gb/sec 8 port external
PCIe x4, 167mm low profile bracket
max. 1x per system

S26361-F3890-E10
8 port SAS RAID Controller
LSI MegaRAID SAS8880E
512MB Cache with ECC RAID 0, 1, 10, 5, 50, 6 & 60 with iBBU
SAS 3Gb/sec 8 port external
PCIe x4, 167mm low profile bracket
max. 1x per system


Section VIII internal Disk Array

SATA Configuration

 SATA Base Units contain a 6-port on-board SATA controller supporting RAID Levels 0, 1
 RAID 5 requires a FW-Extension option (iButton)

S26361-F3217-E100
SATA Software RAID5 LSI
LSI MegaSR enabling key
SATA 3Gb/sec internal SATA port only uses SATA ports of Southbridge
max. 1x per system

SAS Configuration

 you can choose between two types of 8 port SAS controller for the Base Unit:
 - LSI 1068e based Modular RAID 0,1 (IME)
 - LSI 1078 based Modular RAID 5,6
 if you want to use SAS harddisks one Controller is required


Controller for 1 to 8 LFF (3.5") or SFF (2.5") HDD

S26361-F3257-E8
8 port SAS RAID Controller
LSI MegaRAID SAS 1068
RAID 0, 1 & 1E no controller cache
SAS 3Gb/sec 8 internal ports
PCIe x4, 160mm with combi bracket
max. 1x per system

S26361-F3257-E256
8 port SAS RAID Controller
LSI MegaRAID SAS 1078
256MB Cache with ECC optional BBU
SAS 3Gb/sec 8 internal ports
PCIe x4, 160mm with combi bracket
max. 1x per system

S26361-F3257-E512
8 port SAS RAID Controller
LSI MegaRAID SAS 1078
512MB Cache with ECC optional BBU
SAS 3Gb/sec 8 internal ports
PCIe x4, 160mm with combi bracket
max. 1x per system

S26361-F3257-E55
Cache Battery Backup Unit
max. 1x per Controller

 L-Order-Number is:
 S26361-F3257-L10

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Section IX Communication / Network

1x on-board LAN Controller

Fast Ethernet Controller on-board
 1Gbit Bcom 5755
 with TPM 1.2
 ext: for RJ 45 connector
 SW: VLAN



Teaming: Failover, Load Balancing
 If used with additional server adapter, the onboard LAN controller can operate in Teaming Mode.

A) PCI Adapters with Teaming capability 10-1000TX /SX

2x

S26361-F3142-E2
 Gigabit Ethernet Controller 1000TX
 Eth Ctrl 1x1Gbit PCI32 PRO/1000GT Cu
 Intel Pro/1000 GT Desktop Adapter
 PCI 32 (33/66MHz),
 ext: for RJ45-connector, Cat 5
 max. 2x per system



Teaming: Failover, Load Balancing
 If used with additional server adapter, the Intel Pro/1000 GT Desktop Adapter can operate in Teaming Mode.

B) Dual Port PCI-Express Adapter 1000TX

3x

S26361-F3228-E1
 Gigabit Ethernet Controller Dual 1000TX
 Eth. Ctrl 2x1Gbit PCIe PRO/1000PT Cu
 Intel Pro/1000PT dual Port Server Adapter
 PCIe x4
 ext: for RJ45-plug, Cat 5
 max. 2x per system

C) PCI-Express Adapter 1000TX/SX

S26361-F3241-E1
 Gigabit Ethernet Contr. 1000TX
 Eth Ctrl 1x1Gbit PCI-e Pro/1000PT Cu
 Intel PRO/1000 PT Server Adapter
 PCIe x1
 ext: for RJ45-connector, Cat 5
 max. 2x per system

S26361-F3242-E1
 Gigabit Ethernet Contr. 1000SX
 Eth Ctrl 1x1Gbit PCI-e Pro/1000PF LC
 Intel PRO/1000 PF Server Adapter
 PCIe x4
 ext: LC-connector
 max. 2x per system

S26361-F3516-E1
 Gigabit Ethernet Controller 1000TX
 Eth Ctrl 1x1Gbit PCI-e Gigabit CT DT Cu
 Intel® Gigabit CT Desktop Adapter
 PCIe x1
 ext: for RJ45-connector, Cat 5
 max. 2x per system

D) Quad Port PCIe Adapter 1000TX

S26361-F3462-E1
 Gigabit Ethernet Controller Quad 1000TX
 Eth Ctrl 4x1Gbit PCI-X PRO/1000PT Cu
 Intel PRO/1000 PT Quad Port Low Profile Server Adapter
 PCIe x4
 ext: for RJ45-plug, Cat 5
 max. 2x per system

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Section X System management options

S26361-F1790-E241
iRMC2 advanced pack
integrated remote management controller
activation key for
graphical console redirection
and remote media redirection
max. 1x per system

Section XI Miscellaneous

S26361-F2571-E8
External on-board parallel port Interface
Cable and external
connector interface (25 pins)
fits I/O shield cutoff
max. 1x per system for ext.

S26361-F2571-E10
External on-board serial port Interface
Cable and external
connector interface (9 pins)
fit's PCI cutoff (see Info-Box)
max. 1x per system for ext.



housing offers additional cutoff - no PCI slot occupied

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Section XII Country specific power cords

i A country specific power cord has to be ordered for all floorstand versions:
 - once per basic unit and an additional second cable
 - if an second hot plug, redundant power supply modul is ordered.

PRIMERGY TX150 S6 Floorstand

PRIMERGY TX150 S6 Rack

Power cord for following countries:
 1,8 m, grey

T26139-Y1740-E10	D, A, B, F, NL, FIN, S, N, E, P, RUS, TR
T26139-Y1742-E10	USA, Canada
T26139-Y1743-E10	Switzerland
T26139-Y1744-E10	UK, Ireland
T26139-Y1745-E10	Italy
T26139-Y1746-E10	Denmark
T26139-Y3850-E10	Option "no powercord", for Countries without specific cable orderable like e.g. China

max.
2 x

i 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, 2x with hot plug upgrade)

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

i Attention: For connection of a monitor to the system an additional country specific power cord has to be ordered as option.

Power cord for optional monitor connection for the following countries:
 1.8m, grey

T26139-Y1740-L10	D, A, B, F, NL, FIN, N, S, E, P, RUS, TR
T26139-Y1742-L10	USA, Canada
T26139-Y1743-L10	Switzerland
T26139-Y1744-L10	UK, IR
T26139-Y1745-L10	Italy
T26139-Y1746-L10	Denmark

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 SystemArchitect.

Option for Floorstand

keyboards for floorstand versions for following countries:

S26381-K397-E110	USA / international
S26381-K397-E120	Germany
S26381-K397-E140	France
S26381-K397-E155	Sweden / Finland
S26381-K397-E165	United Kingdom
S26381-K397-E180	Spain
S26381-K397-E185	Italy

USB Keyboard: S26381-K340-E120
 KBPC PX D, professional keyboard

End PRIMERGY TX150 S6

Change Report

Date	Order number	Changes
2009-07-31	S26361-F3239-E760	Core2 Duo E7600 - now available
2009-07-31	S26361-F3239-E630	Core2 Duo E6300 - now available
2009-06-17	S26361-F2748-E533	new graphics card released
2009-06-16	S26361-F3460-E3	Tape drive LTO1HH Ultrium - no longer available
2009-03-31	S26361-F3268-E1	CD-RW / DVD ROM drive - no longer available
2009-02-23	S26361-F3864-E1	no longer available
2009-01-27	S26361-f3239-E337	Xeon UP X3370 (3.00GHz/12M/1333) / 95W now available
2009-01-27	S26361-F3239-E110	Xeon LV UP E3110 (3.00GHz/6M/1333) / 45W now available
2008-12-17	S26361-F1790-E221	RemoteView Software V5.0 - no longer available
2008-12-05	S26361-F3239-E440	Celeron 440 2.0GHz 512kB 800MHz FSB - no longer available
2008-10-28	S26361-F3239-E335	Xeon UP X3350 (2.66GHz/12M/1333) / 95W - no longer available
2008-10-28	S26361-F3239-E306	Xeon UP 3065 (2.33GHz/4M/1333) / 65W - no longer available
2008-10-28	S26361-F3239-E216	Pentium Dual Core E2160 (1.8GHz/1M/800) / 65W - no longer available
2008-10-28	S26361-F3257-E4	4 port SAS RAID Controller - as soon as available
2008-10-28	S26361-F3963-E3	Tape drive LTO4HH Ultrium - as soon as available
2008-10-28	S26361-F3225-E3	Tape drive DDS Gen6 - as soon as available
2008-10-28	S26361-F3964-E3	Tape drive LTO2HH Ultrium LC - as soon as available
2008-10-28	S26361-F3157-E3	Tape Kit LTO2HH Ultrium 200GB no longer available
2009-10-25	S26361-F3516-E1	Gigabit Ethernet Controller 1000TX - now available
2008-09-26	S26361-F3239-E460	Core2 Duo E4600 (2.4GHz/2M/800) / 65W no longer available
2008-09-30	S26361-F3239-E312	New Xeon UP E3120 CPU - now available
2008-09-30	S26361-F3265-E100	HD SATA 3Gb/s 1TB 7.2k hot plug 3.5" - as soon as available
2008-09-01	S26361-F3531-E1	Blu-ray Combo drive HH SATA Low Profile now available
2008-09-01	S26361-F3530-E1	Blu-ray Combo drive HH SATA now available
2008-09-01	S26361-F3239-E220	Pentium Dual Core E2200 (2.2GHz/1M/800) / 65W now available
2008-09-01	S26361-F3239-E336	Pentium Quad Core Xeon UP X3360 (2.83GHz/12M/1333) / 95W now available
2008-07-14	S26361-F3204-E545	HD 450GB 15krpm 3.5" - as soon as available
2008-07-08	S26361-F3239-E720	Core2 Duo E7200 (2.53GHz/3M/1066) / 65W now available
2008-07-08	S26361-F3890-E10	new 8 port SAS RAID Controller with iBBU - as soon as available
2008-07-08	S26361-F3890-E1	new 8 port SAS RAID Controller without iBBU - as soon as available
2008-06-25	S26361-F3204-E130	HD SAS 3Gb/s 300GB 10k hot plug 3.5" no longer available
2008-05-29	S26361-F3239-E450	Core2 Duo E4500 (2.2GHz/2M/800) / 65W no longer available
2008-04-30	S26361-F3239-E214	Pentium DC E2140 no longer available
2008-03-17	S26361-F3239-E460	Core2 Duo E4500 (2.4GHz/2M/800) / 65W now available
2008-03-17	S26361-F3239-E216	Pentium Dual Core E2140 (1.8GHz/1M/800) / 65W now available
2008-03-11	S26361-F3204-E114	no longer available
2008-03-11	S26361-F3204-E173	no longer available
2008-02-19	S26361-F3239-E335	New CPU
2007-12-20	S26361-F3436-E4	No TPM - now available
2007-11-22		first draft