FUJITSU

PRIMERGY TX140 S1

System configurator and order-information guide

November 2012

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PRIMERGY Server

Instructions

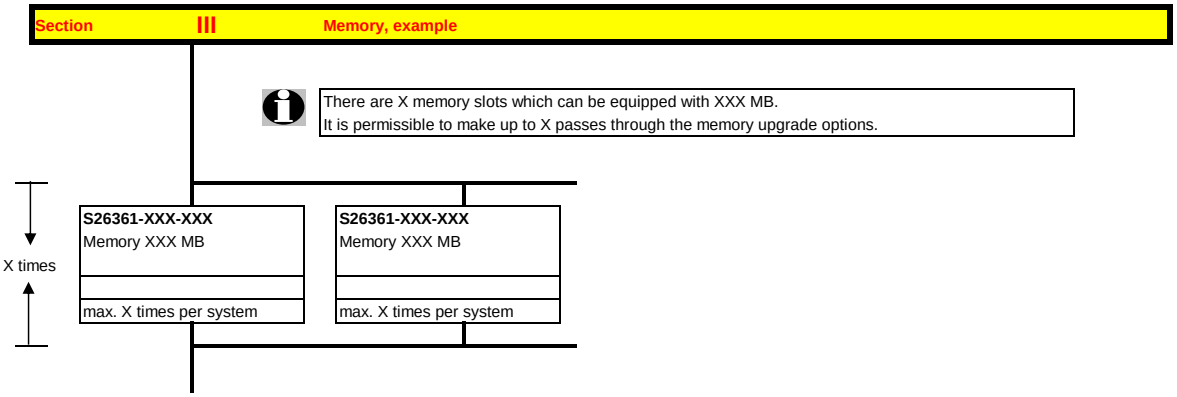
This document contains basic product and configuration information that will enable you to configure your system via PC-/ System-Architect.

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

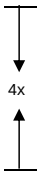
You can configure your individual PRIMERGY server in order to adjust your specific requirements.

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.

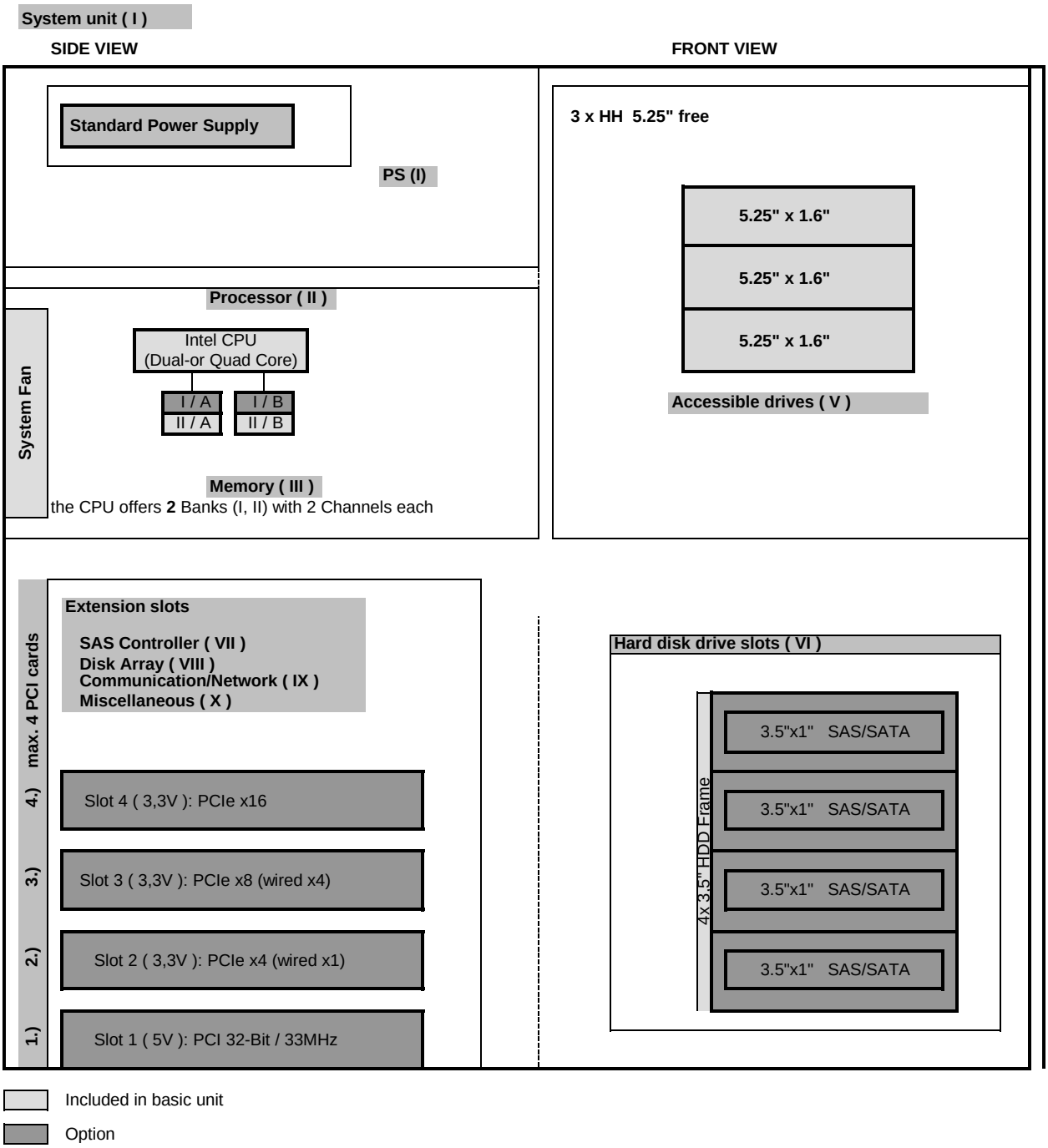
Further information in the internet see:

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

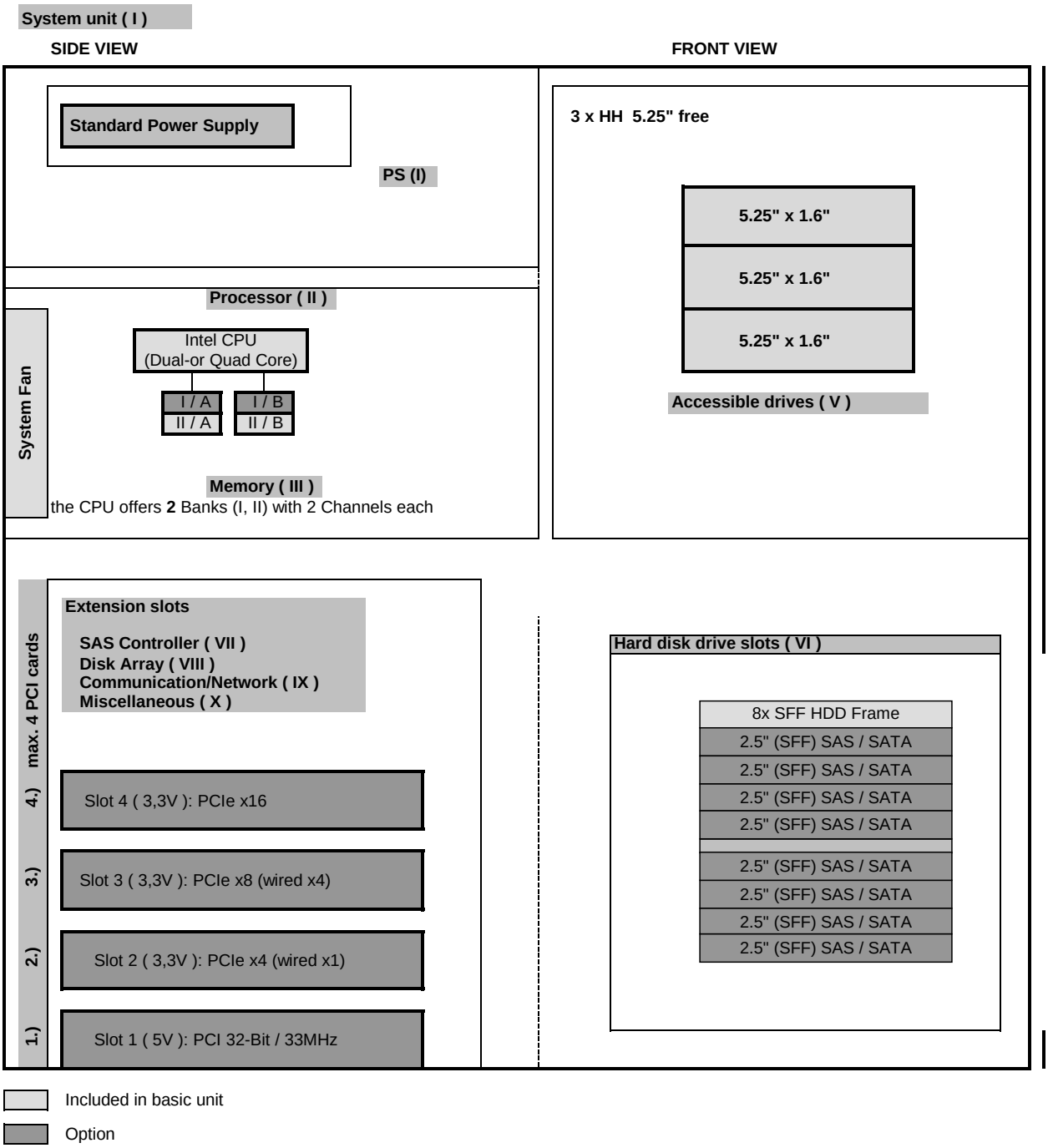
https://partners.ts.fujitsu.com/com/order-supply/configurators/primergy_config/current/Pages/default.aspx (extranet)

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

Configuration diagram PRIMERGY TX140 S1 LFF (3.5") System Unit

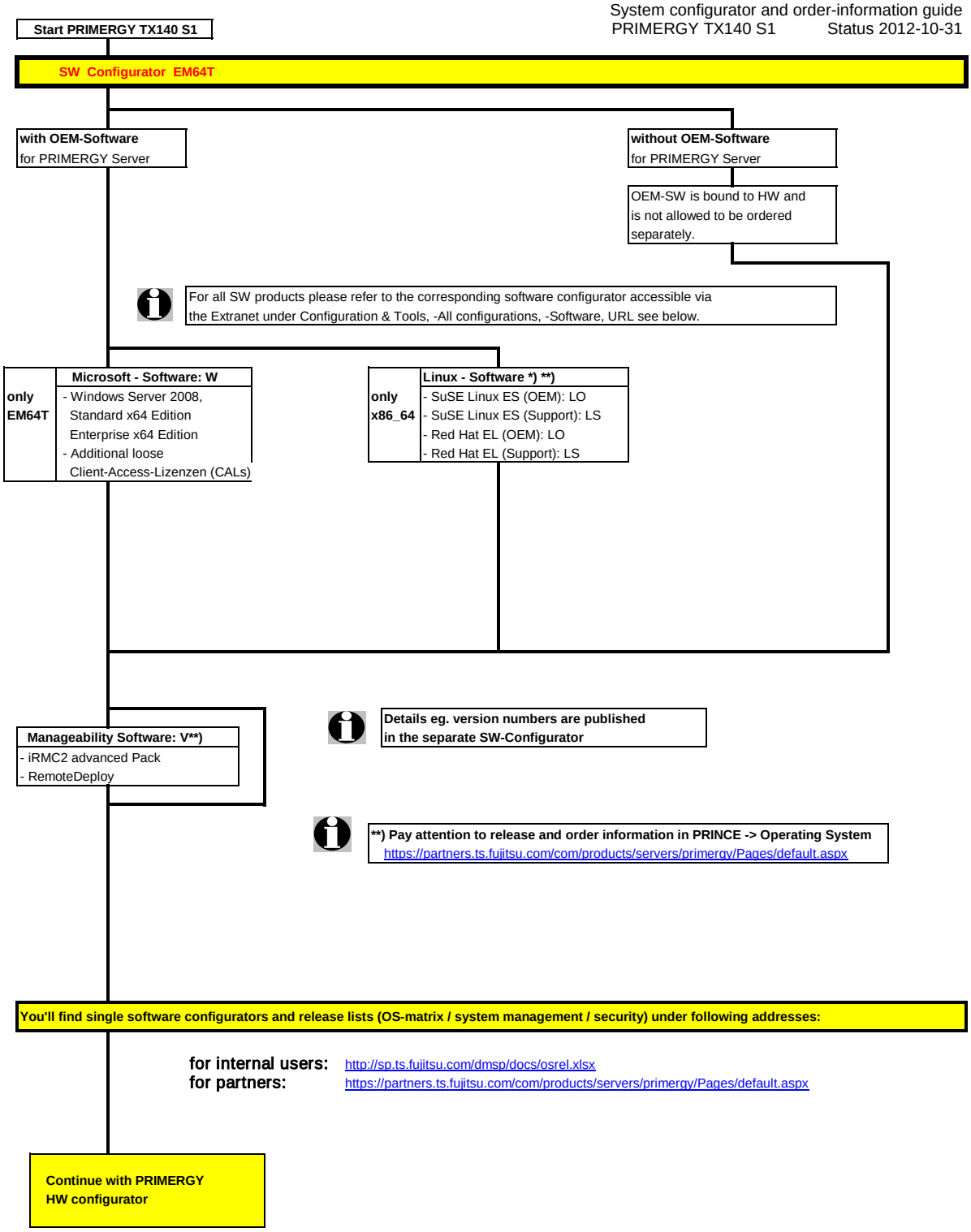


Configuration diagram PRIMERGY TX140 S1 LFF (3.5") System Unit



Included in basic unit

Option


Start PRIMERGY TX140 S1
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 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
Manageability Software: V**)
- iRMC2 advanced Pack
- RemoteDeploy
Details eg. version numbers are published in the separate SW-Configurator
**) Pay attention to release and order information in PRINCE -> Operating System
https://partners.ts.fujitsu.com/com/products/servers/primergy/Pages/default.aspx
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

Start PRIMERGY TX140 S1

Section | Basic unit

System unit, Rack and Floorstand, including:

*** Two lockable front covers in floorstand version**
Door #1 for accessible drive bays
Door #2 for hot plug HDD bays
Both doors may be locked or door #1 may be left open while door #2 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 or SATA HDD (LFF base units only)
Type 2: 8x hot plug SFF (2.5") SAS or SATA HDD (SFF base units only)
*** 1 power supply (Standard Ps with 300W)**
*** System fan (No Hot-plug, No redundancy)**
*** 3 bays 5.25" for accessible drives (half Hight)**
Systemboard D3049 with:
*** heat pipe for the CPU**
*** Chipset Intel® C202 (codenamed Bromolow Cougar Point Essential)**
*** 4 PCI slots: 1 x PCIe x16 Gen2**
1 x PCIe x4 (x8 connected) Gen2
1 x PCIe x1 (x4 connected) Gen2
1 x 32Bit / PCI 33MHz, (5V)
*** 4 memory slots for max. 32GB with 4x 8GB unbuffered DDR3 RAM or**
- Memory is divided into 4 DIMMs (2 channels with 2 slots per channel)
- First Memory (one module) has to be selected for an orderable basic unit
- Memory upgrade is possible module wise
- SDDC (Chipkill) is not supported
*** SATA-Controller on board (supporting RAID 0/1)**
*** 2x1 Gbit Ethernet LAN on board (Intel Hartwell and Intel Lewisville) 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 10/100Management 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 VGA (15 pin)
* 10x USB **2.0** (UHCI) with **480MBit/s** (6x external at the rear, 2x external at the frontside,
2x internal USB Interfaces for UFM, backup device or int. Card reader, no USB wakeup)
* 2x LAN RJ45, 1x Service-LAN RJ45 switchable

***internal Cables:**
1. SATA cable for BD/DVD.
2. Cable for HDD Backplane

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

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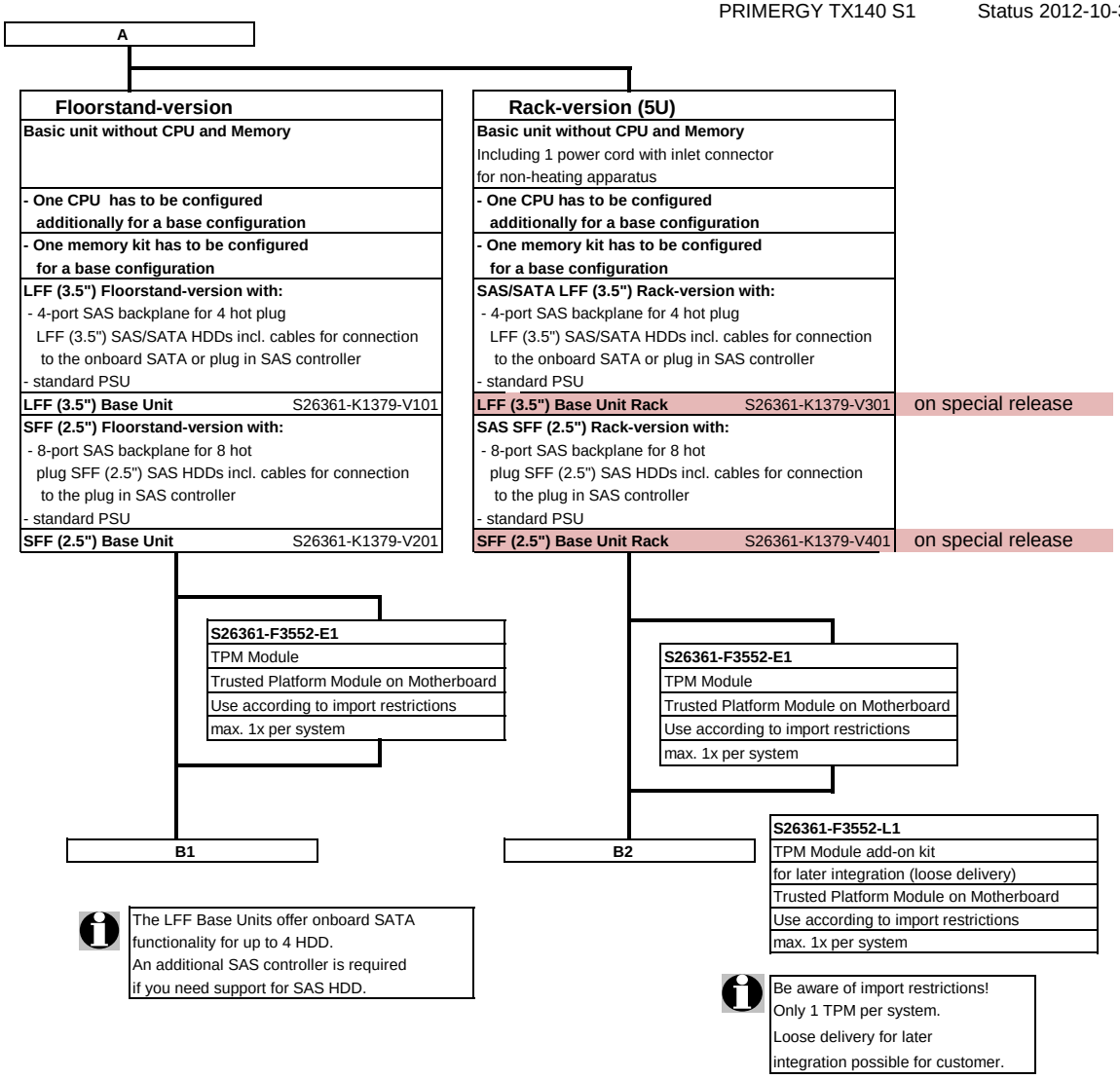
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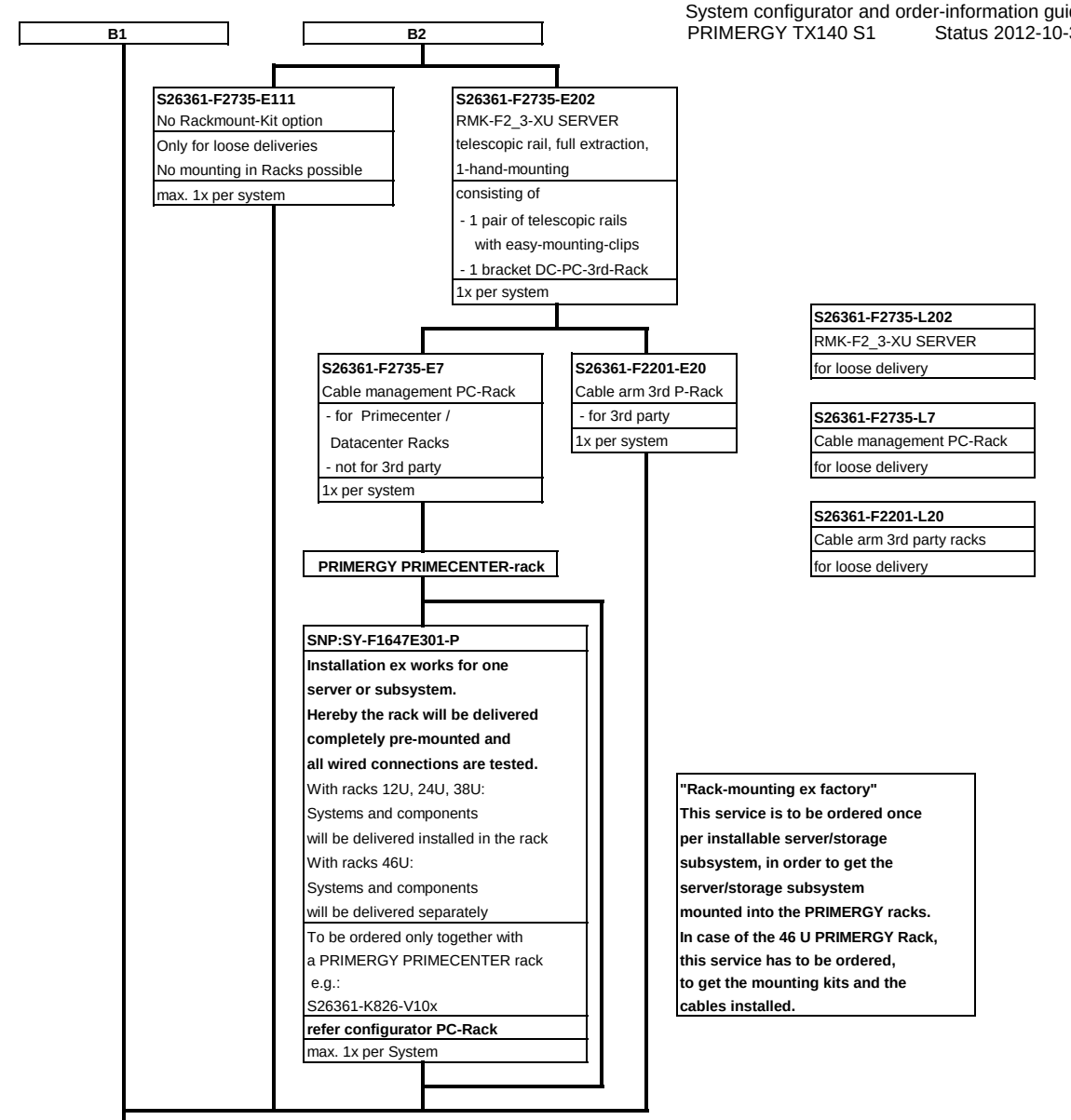
Floorstand-version
Basic unit without CPU and Memory
- One CPU has to be configured additionally for a base configuration
- One memory kit has to be configured for a base configuration
LFF (3.5") Floorstand-version with:
- 4-port SAS backplane for 4 hot plug LFF (3.5") SAS/SATA HDDs incl. cables for connection to the onboard SATA or plug in SAS controller
- standard PSU
LFF (3.5") Base Unit S26361-K1379-V101
SFF (2.5") Floorstand-version with:
- 8-port SAS backplane for 8 hot plug SFF (2.5") SAS HDDs incl. cables for connection to the plug in SAS controller
- standard PSU
SFF (2.5") Base Unit S26361-K1379-V201
Rack-version (5U)
Basic unit without CPU and Memory
Including 1 power cord with inlet connector for non-heating apparatus
- One 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") Rack-version with:
- 4-port SAS backplane for 4 hot plug LFF (3.5") SAS/SATA HDDs incl. cables for connection to the onboard SATA or plug in SAS controller
- standard PSU
LFF (3.5") Base Unit Rack S26361-K1379-V301
on special release
SAS SFF (2.5") Rack-version with:
- 8-port SAS backplane for 8 hot plug SFF (2.5") SAS HDDs incl. cables for connection to the plug in SAS controller
- standard PSU
SFF (2.5") Base Unit Rack S26361-K1379-V401
on special release
S26361-F3552-E1
TPM Module
Trusted Platform Module on Motherboard
Use according to import restrictions
max. 1x per system
S26361-F3552-E1
TPM Module
Trusted Platform Module on Motherboard
Use according to import restrictions
max. 1x per system
B1
B2
S26361-F3552-L1
TPM Module add-on kit
for later integration (loose delivery)
Trusted Platform Module on Motherboard
Use according to import restrictions
max. 1x per system
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.
Be aware of import restrictions!
Only 1 TPM per system.
Loose delivery for later integration possible for customer.



For later conversion the following kits are available:	FSC PC-/DC-/3rd party- Rack
1.) Conversion kit 2 Floor -> Rack Conversion PRIMERGY TX140 S1 base unit floorstand into base unit rack with 5U. Only conversion, no mounting kit. Mounting kit has to be ordered seperatly	**S26361-F2618-L260** **plus**
2.) Mounting Kit FSC PC-/DC-/3rd party- Rack incl. DC- PC- bracket, **no** cable managment This kit will fit in server racks conforming to EIA standards EIA-310-D for 19" racks.	**S26361-F2735-L202** **and**
3.) cable management or cable arm to be ordered additionally FSC PC-/DC- Rack cable management or 3rd party- Rack cable arm	either one to be ordered **S26361-F2735-L7 or** **S26361-F2201-L20**

For later upgrades the following kits are available:

as soon as available

1 power supply module 450W hot plug: Supplementary module	**S26113-F575-L10**
Attention: There is no power cable included!	

as soon as available

Conversion Kit std to hot-plug PSU consisting of a redundant PSU cage and backplane	**S26113-F575-L141**
Contains one 450W hp PSU module	

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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 (3MB SLC) or Core-i3 (3MB TLC) occupies socket for one CPU		
Pentium		
Pentium G620 2.60GHz 3MB 2C/2T 1066MHz (65W)	S26361-F3579-E262	
Core i3		
Core i3-2100 3.10GHz 3MB 2C/4T 1333MHz (65W)	S26361-F3579-E210	
Core i3-2120 3.30GHz 3MB 2C/4T 1333MHz (65W)	S26361-F3579-E212	on special release
Quad-Core XEON CPU`s		
- 1x 64-bit Intel Xeon UP (8MB shared TLC = Third Level Cache) Hyper-Threading; 1333 MHz DDR3 Bus and heat pipe occupies socket for one CPU		
Xeon E3-1220 3.10GHz 8MB 4C/4T 1333MHz Turbo (80W)	S26361-F3579-E322	
Xeon E3-1230 3.20GHz 8MB 4C/8T 1333MHz Turbo (80W)	S26361-F3579-E323	on special release
Xeon E3-1240 3.30GHz 8MB 4C/8T 1333MHz Turbo (80W)	S26361-F3579-E324	
Xeon E3-1270 3.40GHz 8MB 4C/8T 1333MHz Turbo (80W)	S26361-F3579-E327	
Xeon E3-1280 3.50GHz 8MB 4C/8T 1333MHz Turbo (95W)	S26361-F3579-E328	on special release
Xeon E3-12xxL Power Optimized		
- 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 E3-1260L 2.40GHz 8MB 4C/8T 1333MHz Turbo (45W)	S26361-F3579-E316	

Section III Memory

There are 4 memory slots to be used for max. 4 unbuffered DIMMS.

=> max. 32GB unbuffered DDR3 RAM for UDIMMs with 8GB moduels

Minimum one memory module or order code = first memory

Unbuffered (ub) UDIMMs

4x

- One **DDR3-** ub ECC memory module, 1.5V	
Memory 2GB 1333 SR	S26361-F3335-E524
Memory 4GB 1333 DR	S26361-F3335-E525
Memory 8GB 1333 DR	S26361-F3335-E526
Choose up to 4 order codes above.	

Section IV Graphics

Graphics controller integrated in iRMCS3 (integrated Remote Management Controller)
(max. Resolution: 1600 x 1200 at 16bpp)

S26361-F2748-E537
PY VGA card 512MB PCI-e x1
NVIDIA NVS300 512 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
full height bracket
max. 1x per system

For deliveries to China with CCC label no grafic card is allowed within the configuration.
It can be ordered as loose delivery only!

The hight end optional NVIDIA NVS300 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.
Only one card per server is allowed.

S26361-F2748-L537
PY VGA LP card 512MB PCI-e x1
for loose delivery

D

Section V Energy Star

S26361-F3301-E141
TX140S1 E-Star Fam1
for all 80W 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 sections are allowed together with TX140 S1 E-Star Fam1:

SATA/SAS LFF (3.5") Base Unit with std PSU	S26361-K1379-V101

Quad-Core CPU`s	
Xeon E3-1220 3.10GHz 8MB 4C/4T 1333MHz Turbo (80W)	S26361-F3579-E322
Xeon E3-1230 3.20GHz 8MB 4C/8T 1333MHz Turbo (80W)	S26361-F3579-E323
Xeon E3-1240 3.30GHz 8MB 4C/8T 1333MHz Turbo (80W)	S26361-F3579-E324
Xeon E3-1270 3.40GHz 8MB 4C/8T 1333MHz Turbo (80W)	S26361-F3579-E327

Unbuffered (ub) UDIMMs (1.5V)	
Memory 2GB 1333 SR	S26361-F3335-E524
Memory 4GB 1333 DR	S26361-F3335-E525
Memory 8GB 1333 DR	S26361-F3335-E526

DVD & tape Drives	
DVD-ROM HH SATA	S26361-F3266-E2
DVD-RW supermulti HH SATA	S26361-F3267-E2
Blu-ray Triple Writer HH SATA	S26361-F3585-E2
max. 1x per system	

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

LAN Controller	
Gigabit Ethernet Controller 1000TX	S26361-F3516-E1
Gigabit Ethernet Controller Dual 1000TX	S26361-F3610-E2
max. 1x each per system	

Hard Disk Drives 3.5" SATA	
HD 250GB 7.2krpm 3.5"	S26361-F3294-E250
HD 500GB 7.2krpm 3.5"	S26361-F3294-E500
HD 750GB 7.2krpm 3.5"	S26361-F3294-E750
HD 1000GB 7.2krpm 3.5"	S26361-F3294-E100
HD 2000GB 7.2krpm 3.5"	S26361-F3294-E200
max. 4x per system	

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Section VI Accessible drives

There are 3 bays (1.6" x 5.25") for accessible drives.

S26361-F3266-E2	S26361-F3267-E2	S26361-F3585-E2	as soon as available S26361-F3641-E4
DVD-ROM HH SATA	DVD-RW supermulti HH SATA	Blu-ray Triple Writer HH SATA	Blu-ray Triple Writer slim SATA
16x DVD 48x CD	all formats, DUAL/DL, DVD-RAM only W2K, W3K and Linux	4x BD-RW, 16x DVD, 40x CD BD DL and all CD/DVD formats	4x BD-RW, 8x DVD, 24x CD BD DL and all CD/DVD formats with mounting frame
1.6 x 5.25", black bezel	1.6 x 5.25", black bezel	1.6 x 5.25", black bezel	0.5 x 5.25", black bezel
max. 1x per system	max. 1x per system	max. 1x per system	max. 1x per system

Following USB Components are available

1) USB DVD SM / Blu-Ray as soon as available	
External SuperMulti Drive	S26341-F103-L126
External Blu-Ray Drive	S26341-F103-L127
2) USB Keyboard:	
KBPC PX ECO Green IT, professional keyboard	S26381-K341-E1xx / L1xx
3) USB Mouse:	S26381-K430-L100
Laser Moue USB/PS2 Combo	
4) USB Sticks:	
MyUSBS A910 8GB, MLC Flash	S26391-F6048-L208
MyUSBS A910 16GB, MLC Flash	S26391-F6048-L216

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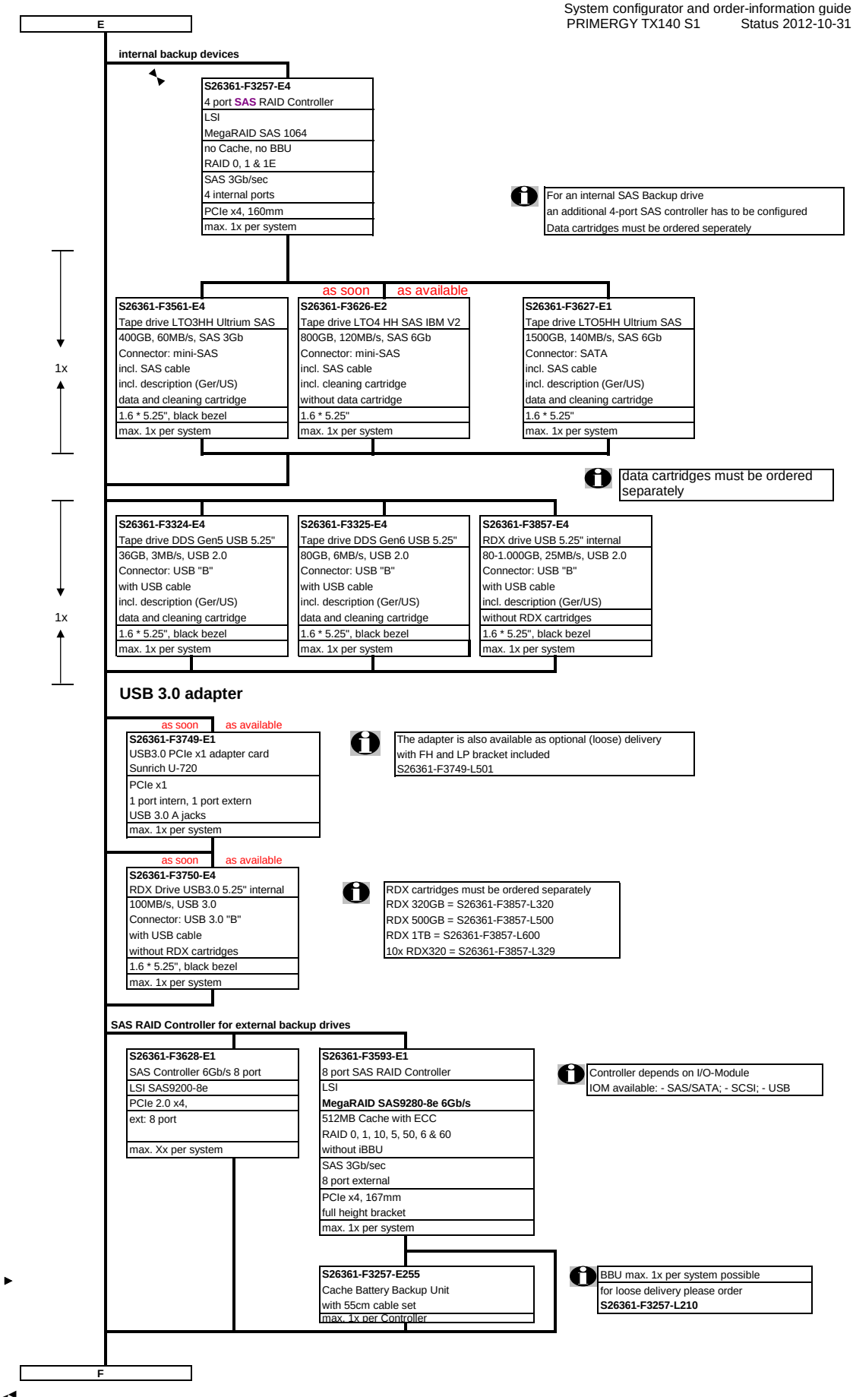
E
internal backup devices
S26361-F3257-E4
4 port SAS RAID Controller
LSI
MegaRAID SAS 1064
no Cache, no BBU
RAID 0, 1 & 1E
SAS 3Gb/sec
4 internal ports
PCIe x4, 160mm
max. 1x per system
For an internal SAS Backup drive
an additional 4-port SAS controller has to be configured
Data cartridges must be ordered seperately
as soon
as available
1x
S26361-F3561-E4
Tape drive LTO3HH Ultrium SAS
400GB, 60MB/s, SAS 3Gb
Connector: mini-SAS
incl. SAS cable
incl. description (Ger/US)
data and cleaning cartridge
1.6 * 5.25", black bezel
max. 1x per system
S26361-F3626-E2
Tape drive LTO4 HH SAS IBM V2
800GB, 120MB/s, SAS 6Gb
Connector: mini-SAS
incl. SAS cable
incl. cleaning cartridge
without data cartridge
1.6 * 5.25"
max. 1x per system
S26361-F3627-E1
Tape drive LTO5HH Ultrium SAS
1500GB, 140MB/s, SAS 6Gb
Connector: SATA
incl. SAS cable
incl. description (Ger/US)
data and cleaning cartridge
1.6 * 5.25"
max. 1x per system
data cartridges must be ordered separately
1x
S26361-F3324-E4
Tape drive DDS Gen5 USB 5.25"
36GB, 3MB/s, USB 2.0
Connector: USB "B"
with USB cable
incl. description (Ger/US)
data and cleaning cartridge
1.6 * 5.25", black bezel
max. 1x per system
S26361-F3325-E4
Tape drive DDS Gen6 USB 5.25"
80GB, 6MB/s, USB 2.0
Connector: USB "B"
with USB cable
incl. description (Ger/US)
data and cleaning cartridge
1.6 * 5.25", black bezel
max. 1x per system
S26361-F3857-E4
RDX drive USB 5.25" internal
80-1.000GB, 25MB/s, USB 2.0
Connector: USB "B"
with USB cable
incl. description (Ger/US)
without RDX cartridges
1.6 * 5.25", black bezel
max. 1x per system
USB 3.0 adapter
as soon
as available
S26361-F3749-E1
USB3.0 PCIe x1 adapter card
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
as soon
as available
S26361-F3750-E4
RDX Drive USB3.0 5.25" internal
100MB/s, USB 3.0
Connector: USB 3.0 "B"
with USB cable
without RDX cartridges
1.6 * 5.25", black bezel
max. 1x per system
RDX cartridges must be ordered separately
RDX 320GB = S26361-F3857-L320
RDX 500GB = S26361-F3857-L500
RDX 1TB = S26361-F3857-L600
10x RDX320 = S26361-F3857-L329
SAS RAID Controller for external backup drives
S26361-F3628-E1
SAS Controller 6Gb/s 8 port
LSI SAS9200-8e
PCIe 2.0 x4,
ext: 8 port
max. Xx per system
S26361-F3593-E1
8 port SAS RAID Controller
LSI
MegaRAID SAS9280-8e 6Gb/s
512MB Cache with ECC
RAID 0, 1, 10, 5, 50, 6 & 60
without iBBU
SAS 3Gb/sec
8 port external
PCIe x4, 167mm
full height bracket
max. 1x per system
Controller depends on I/O-Module
IOM available: - SAS/SATA; - SCSI; - USB
S26361-F3257-E255
Cache Battery Backup Unit
with 55cm cable set
max. 1x per Controller
BBU max. 1x per system possible
for loose delivery please order
S26361-F3257-L210
F

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Section VII Hard disks 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 VIII internal Disk Array

There is a 6 port SATA controller in the Base Unit for connection of up to 4 SATA LFF hard disks
For up to 4 3,5" SAS hard Drives, you must configure 1 of 3 different 8port SAS controller

4x

Business Critical (BC) SATA 3Gb/s HD 3.5" with hot plug/hot replace tray	
500GB 7.200rpm,<9,0ms, 8MB Cache	S26361-F3294-E500
1000GB 7.200rpm,<9,0ms, 8MB Cache	S26361-F3294-E100
2000GB 7.200rpm,<9,0ms, 8MB Cache	S26361-F3294-E200
max. 4x per system	

S26361-F3293-E250
HD 250GB 7.2krpm 3.5"
7200rpm,<9.0 ms, 8MB Cache
ECO SATA 3Gb/s
hot plug/hot replace tray
max. 4x per system

G

SAS 6Gb/s 3.5" with hot plug/hot replace tray	
300GB 10000rpm,<4,5ms, 8MB Cache	S26361-F4005-E530
450GB 10000rpm,<4,5ms, 8MB Cache	S26361-F4005-E545
600GB 10000rpm,<4,5ms, 8MB Cache	S26361-F4005-E560
max. 4x per system	

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

SAS / SATA SFF (2.5") Base Units: SAS or more than 4 SATA HDDs require a SAS Controller! see section VIII

Up to 4 SATA SFF (2.5") hard disks can be configured without a PCI SAS controller.
Up to 8 SAS or SATA SFF (2.5") hard disks can be configured as standard together with a SAS controller.

S26361-F2826-E140
Trigger to request a PCI SAS Controller
for configuring more than 4 SATA HDDs
max. 1x per system

For a later configuration of more than 4 SATA HDDs, the trigger is not necessary
In this case it is sufficient to implement a SAS controller!
It is not allowed to connect the SATA HDDs to different controllers
In case of running more than 4 HDDs, all of them have
to be connected to the PCI based Controller

8x

Business Critical (BC) SATA 3Gb/s HD 2.5" with hot plug/hot replace tray	
250GB 7.200rpm,<10,5ms, 8MB Cache	S26361-F3601-E250
500GB 7.200rpm,<10,5ms, 8MB Cache	S26361-F3601-E500
1000GB 7.200rpm,<10,5ms, 8MB Cache	S26361-F3601-E100
max. 8x per system	

ECO SATA 3Gb/s HD 2.5" with hot plug/hot replace tray	
160GB 5.400rpm,<10,5ms, 8MB Cache	S26361-F3297-E160
320GB 5.400rpm,<10,5ms, 8MB Cache	S26361-F3297-E320
500GB 5.400rpm,<10,5ms, 8MB Cache	S26361-F3297-E500
max. 8x per system	

Mix of ECO SATA with SAS HDDs is not possible !

G

SAS 6Gb/s 2.5" with hot plug/hot replace tray	
300GB 10000rpm,<4,5ms, 8MB Cache	S26361-F4482-E130
450GB 10000rpm,<4,5ms, 8MB Cache	S26361-F4482-E145
600GB 10000rpm,<4,5ms, 8MB Cache	S26361-F4482-E160
900GB 10000rpm,<4,5ms, 8MB Cache	S26361-F4482-E190
73GB 15krpm,<4,5ms, 8MB Cache	S26361-F4482-E573
146GB 15krpm,<4,5ms, 8MB Cache	S26361-F4482-E514
max. 8x per system	

configuration of SAS-HDDs requires SAS RAID controller

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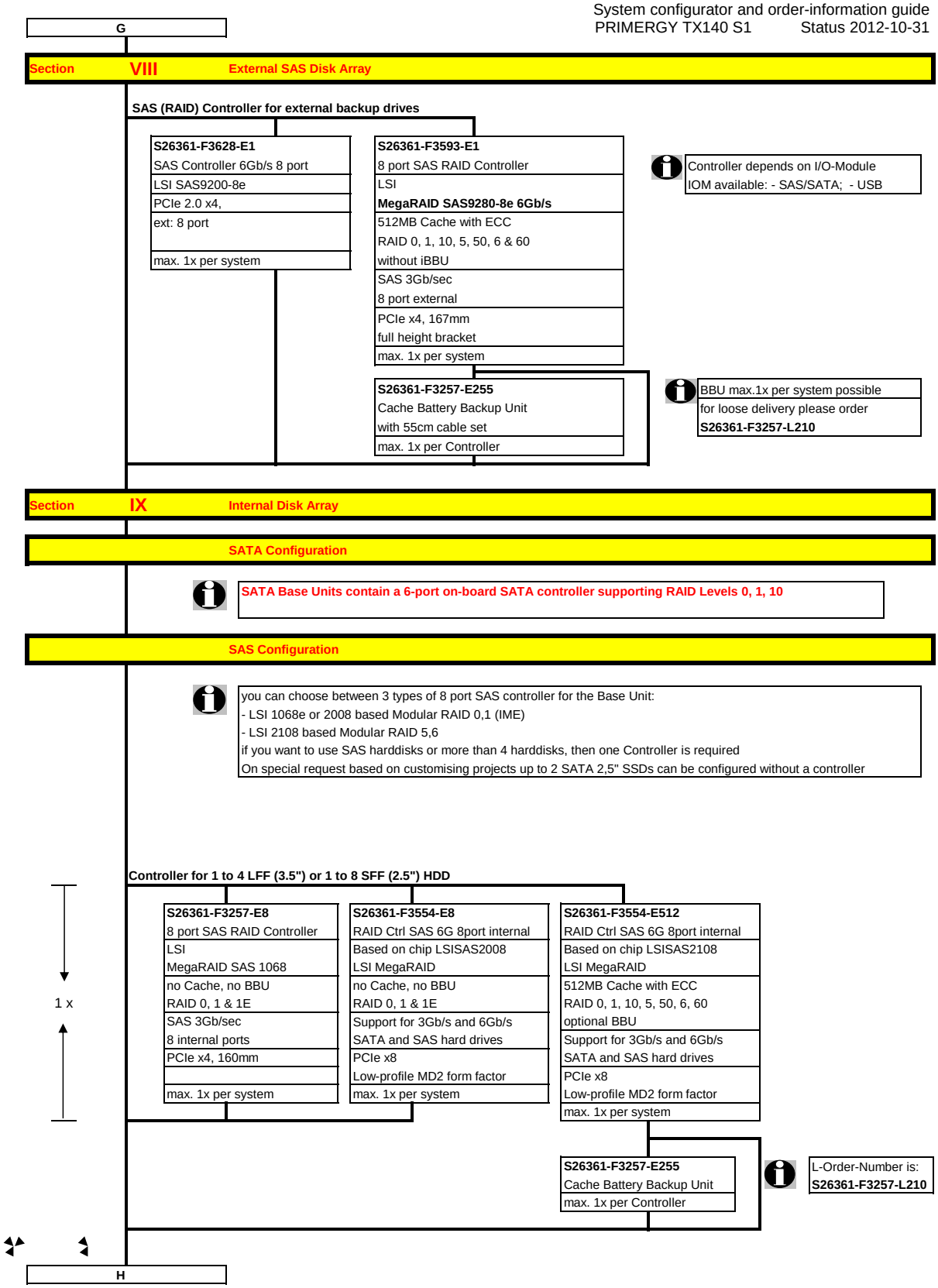
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Section VIII External SAS Disk Array
SAS (RAID) Controller for external backup drives
S26361-F3628-E1
SAS Controller 6Gb/s 8 port
LSI SAS9200-8e
PCIe 2.0 x4,
ext: 8 port
max. 1x per system
S26361-F3593-E1
8 port SAS RAID Controller
LSI
MegaRAID SAS9280-8e 6Gb/s
512MB Cache with ECC
RAID 0, 1, 10, 5, 50, 6 & 60
without iBBU
SAS 3Gb/sec
8 port external
PCIe x4, 167mm
full height bracket
max. 1x per system
Controller depends on I/O-Module
IOM available: - SAS/SATA; - USB
S26361-F3257-E255
Cache Battery Backup Unit
with 55cm cable set
max. 1x per Controller
BBU max.1x per system possible
for loose delivery please order
S26361-F3257-L210
Section IX Internal Disk Array
SATA Configuration
SATA Base Units contain a 6-port on-board SATA controller supporting RAID Levels 0, 1, 10
SAS Configuration
you can choose between 3 types of 8 port SAS controller for the Base Unit:
- LSI 1068e or 2008 based Modular RAID 0,1 (IME)
- LSI 2108 based Modular RAID 5,6
if you want to use SAS harddisks or more than 4 harddisks, then one Controller is required
On special request based on customising projects up to 2 SATA 2,5" SSDs can be configured without a controller
Controller for 1 to 4 LFF (3.5") or 1 to 8 SFF (2.5") HDD
1 x
S26361-F3257-E8
8 port SAS RAID Controller
LSI
MegaRAID SAS 1068
no Cache, no BBU
RAID 0, 1 & 1E
SAS 3Gb/sec
8 internal ports
PCIe x4, 160mm
max. 1x per system
S26361-F3554-E8
RAID Ctrl SAS 6G 8port internal
Based on chip LSISAS2008
LSI MegaRAID
no Cache, no BBU
RAID 0, 1 & 1E
Support for 3Gb/s and 6Gb/s
SATA and SAS hard drives
PCIe x8
Low-profile MD2 form factor
max. 1x per system
S26361-F3554-E512
RAID Ctrl SAS 6G 8port internal
Based on chip LSISAS2108
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-F3257-E255
Cache Battery Backup Unit
max. 1x per Controller
L-Order-Number is:
S26361-F3257-L210
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Section X Communication / Network

2x on-board LAN Controller
Fast Ethernet Controller on-board
Intel Hartwell+ Lewisville
ext: 2x RJ 45-connector

Teaming: Failover, Load Balancing
The Intel LAN server adapter
can be used with the on-board controller in Teaming Mode.
Two onboard LAN ports can likewise educate a team.

For deliveries to China with CCC label only
S26361-F3516-E1: GE controller 1000TX
S26361-F3610-E2: GE controller dual 1000 TX
are allowed within the configuration.
All other controllers can be ordered as loose delivery only!

A) PCI-Express Adapter 1000TX

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

max. 2x

B) Dual Port PCI-Express Adapter 1000TX

while stock lasts

S26361-F3740-E1
(D3035)
Gigabit Ethernet Controller Dual 1000TX
Eth Ctrl 2x1Gbit Cu PCIe x4 D3035
Intel Powerville based 2 port Server Adapter
PCIe x4, Low Profile
full height (FH) bracket
ext: for RJ45-plug, Cat 5
max. 2x per system

Loose delivery with
FH and LP bracket included:
S26361-F3740-L501

S26361-F3610-E2
(D2735-2)
Gigabit Ethernet Controller Dual 1000TX
Eth Ctrl 2x1Gbit PCIe x4 D2735-2 Cu
Intel Kawela based 2 port Server Adapter
PCIe x4, Low Profile
full height (FH) bracket
ext: for RJ45-plug, Cat 5
max. 2x per system

Loose delivery with
FH and LP bracket included:
S26361-F3610-L502

C) Quad Port PCIe Adapter 1000TX

while stock lasts

S26361-F3739-E1
(D3045)
Gigabit Ethernet Controller Quad 1000TX
Eth Ctrl 4x1Gbit Cu PCIe x4 D3045
Intel Powerville based 4 port Server Adapter
PCIe x4, Low Profile
full height (FH) bracket
ext: for RJ45-plug, Cat 5
max. 2x per system

Loose delivery with
FH and LP bracket included:
S26361-F3739-L501

S26361-F3611-E1
(D2745)
Gigabit Ethernet Controller Quad 1000TX
Eth Ctrl 4x1Gbit PCIe x4 D2745 Cu
Intel Barton Hills based 4 port Server Ad.
PCIe x4, Low Profile
full height (FH) bracket
ext: for RJ45-plug, Cat 5
max. 2x per system

Loose delivery with
FH and LP bracket included:
S26361-F3611-L501

D) 10GbE 2-Port SFP+ for MMF Module and Twinax Cable

S26361-F3629-E2
(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, Full Height Bracket
ext: 2x SFP+ cage
max. 1x per system

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.

The adapter is also available as loose delivery with
FH and LP bracket included: S26361-F3629-L502

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

1x

The SFP+ Module is also available as loose delivery
S26361-F3986-L3

Instead SFP+ Modules, SFP+ twinax cables from
the switch vendors may be used

E) 10GBASE-T 2-Port for 10Gb Eth. Over copper cable

S26361-F3752-E202
Eth Ctrl 2x10GBase-T PCIe x8 X540-T2 lp
Intel Twinville based 2 port Server Adapter
PCIe x4, Low Profile
low profile (LP) bracket
ext: for RJ45-plug, Cat 6
max. 1x per system

The adapter is also available as loose delivery with
FH and LP bracket included: S26361-F3752-L502

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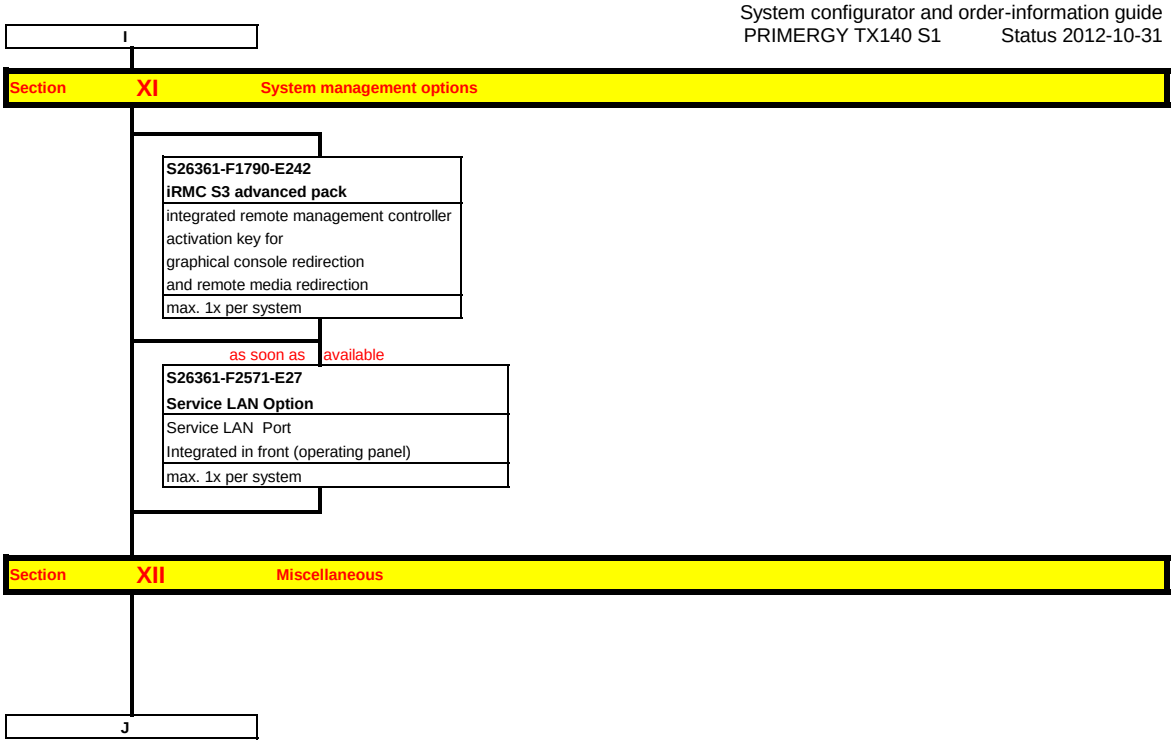
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Section XI System management options
S26361-F1790-E242
iRMC S3 advanced pack
integrated remote management controller
activation key for
graphical console redirection
and remote media redirection
max. 1x per system
as soon as available
S26361-F2571-E27
Service LAN Option
Service LAN Port
Integrated in front (operating panel)
max. 1x per system
Section XII Miscellaneous
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Section XIII Country specific power cords / Region Kits

S26361-F3301-E120
CCC Certification for China

Since the beginning of this year the specifications for the approval and production monitoring for China (CCC) have become stricter. This is why the CCC certification label must in future be ordered separately

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

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.

max. 2 x

PRIMERGY TX140 S1 Floorstand

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

PRIMERGY TX140 S1 Rack

Power cord options (1x per PSU)

T26139-Y1968-E100	Powercord for rack, 4m, grey, **IEC 320 C13 -> C14 connector**
T26139-Y1742-E10, 1.8	USA, Canada, 1.8m, grey
T26139-Y3850-E10	Option "no powercord", for Countries without specific cable orderable like e.g. China

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

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

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-Y1744-L10	UK, IR
T26139-Y1745-L10	Italy
T26139-Y1746-L10	Denmark

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.

Option for Floorstand

USB keyboards for floorstand versions for following countries:

USB standard Keyboard KB400		**USB professional Keyboard KBPC PX ECO**
S26381-K550-E170	Switzerland	S26381-K341-E170
S26381-K550-E104	Czech/Slovak	S26381-K341-E104
S26381-K550-E120	Germany	S26381-K341-E120
S26381-K550-E180	Spain	S26381-K341-E180
S26381-K550-E140	France	S26381-K341-E140
S26381-K550-E165	United Kingdom	S26381-K341-E165
S26381-K550-E185	Italy	S26381-K341-E185
S26381-K550-E154	Sweden / Finland	S26381-K341-E154
S26381-K550-E102	USA / international	S26381-K341-E110

option for floorstand

Optional Mouse

S26381-K431-E100	Mouse M480 black
S26381-K431-E101	Mouse M480 grey

End PRIMERGY TX140 S1

Change Report

Date	Order number	Changes
2012-10-08	S26361-F3749-Exx	Added USB3.0 Adapter
2012-10-08	S26361-F3750-Ex	Added RDX Drive
28.02.2012	S26361-F3301-E120	add CCC Certification
2012-02-09	S26361-F3641-E4	BD slim writer added
2012-02-09	S26113-F575-L141	conversion kit std to hp introduced
2011-12-21	S26361-F4482-E114	SAS HD 6G 144GB - no longer available
2011-10-01	S26361-F3601-E250	new BC SATA HD - now available
2011-10-01	S26361-F3298-E64	64 GB SSD - no longer available
2011-06-21	S26361-F3294-E750	750GB SATA disk eliminated due to EOL
2011-06-21	S26361-F3291-E514	146GB SAS disk eliminated due to EOL
2011-06-01		First Release