FUJITSU

PRIMERGY TX1310 M1

System configurator and order-information guide

September 2015

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PRIMERGY Server

Instructions

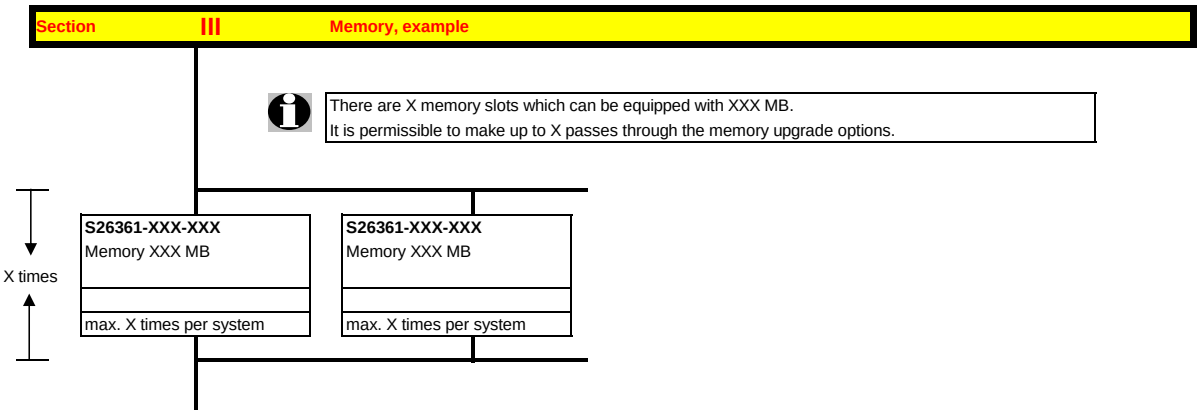
This document contains basic product and configuration information that will enable you to configure your system via PC-/ System-Architect.

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.

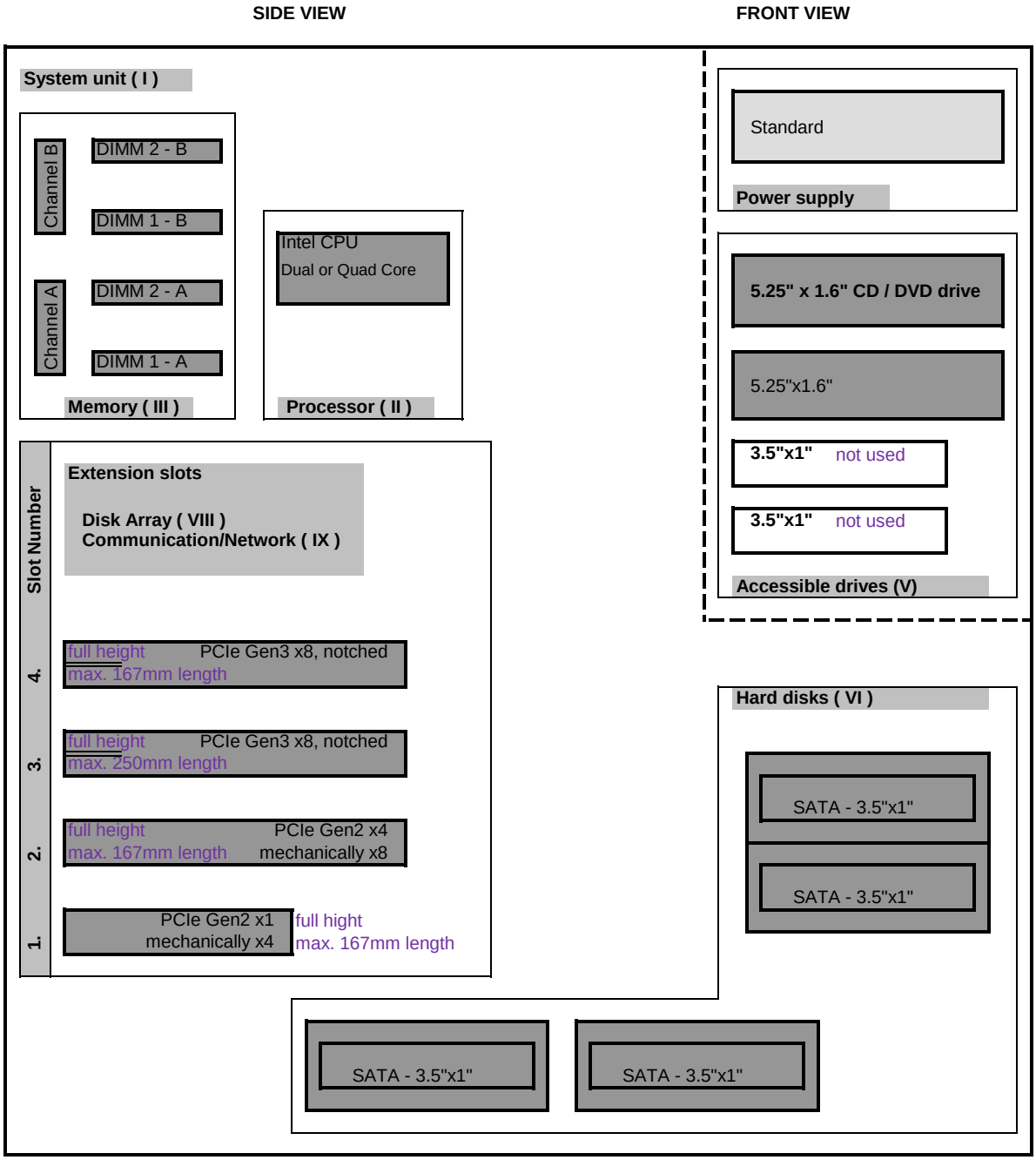
For further information see:

http://ts.fujitsu.com/products/standard_servers/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 TX1310 M1



Key:

Included in basic unit

Option

Start PRIMERGY TX1310 M1

Section | **Basic unit**

System unit consisting of:
*** Housing including standard power supply (no redundancy)**
*** Imprint of MAC Adress on system label and delivery note as standard**
*** heat sink for CPU**

Systemboard with:
*** 4 PCI expansion slots:**
1x PCIe Gen2 x1, mechanically x4 (not available for S26361-K1488-V201 base unit)
1x PCIe Gen2 x4, mechanically x8 (not available for S26361-K1488-V201 base unit)
2x PCIe Gen3 x8, notched (possible to plug x16 cards)
*** Slot for optional TPM module**
*** 4 memory slots for up to 32GB (1600MHz PC3 12800) unbuffered DDR III RAM (ECC)**
max. 8GB modul per slot (2 memory slots for S26361-K1488-V201 base unit)
*** 2 bays 5.25" for accessible drives**
*** 4 LFF (3.5" Large Form Factor) bays 1" high for no hot plug SATA HD**
*** SATA controller with up to 4 HDD's using Intel C226 Chipset**
*** Intel CPU internal Graphics Controller (pGFX) with shared Memory**
1600 x 1200 pixel with 16 bit colours and 75 Hz
1280 x 1024 pixel with 16/32 bit colours and 120/75 Hz
1152 x 864 pixel with 16/32 bit colours and 160/100Hz
1024 x 768 pixel with 16/32 bit colours and 200/120Hz
800 x 600 and 640 x 480 pixel with 32 bit colours and 200Hz
*** Intel 10/100/1000 Mb/s ("Clarkville" Intel i217LM) on-board LAN supporting WoL and PXE**
*** Intel 10/100/1000 Mb/s ("Springville" Intel i210) on-board LAN supporting WoL, PXE and iSCSI boot**

Cables included in Base Unit:
1. SATA cabel for CD/DVD
2. 4 x SATA cabel in basic unit

ServerView Suite Software package incl. ServerView Installation Manager, Management Software and Updates

External Interfaces:
1x RS-232-C (serial, 9 pins)
1x VGA (15 pins)
1xUSB3.0 Intern (Type A) for backup devices or USB Stick
4x USB 3.0 (2x frontside, 2x rearside)
5x USB 2.0 (4x rearside, 1x internal USSD / UFM)
2x LAN RJ45

S26361-K1488-V101
SATA basic unit Floorstand
without CPU and Memory
- one CPU / 1 to 4 Memory module(s)
has to be selected via
CPU / Memory order codes
Standard PSU

S26361-K1488-V201
SATA basic unit Floorstand
without CPU and Memory
- one CPU / 1 to 2 Memory module(s)
has to be selected via
CPU / Memory order codes
Standard PSU
Essential Edition

S26361-K1488-V902
SATA basic unit Floorstand
without CPU and Memory
- one CPU / 1 to 4 Memory module(s)
has to be selected via
CPU / Memory order codes
Standard PSU
SX131 M1 - Universal Storage Server

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

Be aware of import restrictions!
Only 1 TPM per system.
Loose delivery for later integration possible for customer.

S26361-F3552-L1
TPM Module add-on kit
for later integration (loose delivery)
Trusted Platform Module on Motherboard
Usage according to import restrictions
max. 1x per system

A

A

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 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 E3-1226v3 3.3GHz 4C/4T 8MB 1600MHz Turbo (84W)	**S26361-F3581-E522**	
Xeon E3-1246v3 3.5GHz 4C/8T 8MB 1600MHz Turbo (84W)	**S26361-F3581-E524**	

XEON and Core i3 not available for S26361-K1488-V201 base unit

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.
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.**

2/4x

- One **DDR3-** ub ECC memory module, 1.35V	
4GB (1x4GB) 1Rx8 L DDR3-1600 U ECC	**S26361-F5312-E514**
8GB (1x8GB) 2Rx8 L DDR3-1600 U ECC	**S26361-F5312-E518**
Choose up to 2/4 order codes above.	

Section IV Graphics

Intel CPU internal Graphics Controller (pGFX) with 64MB RAM

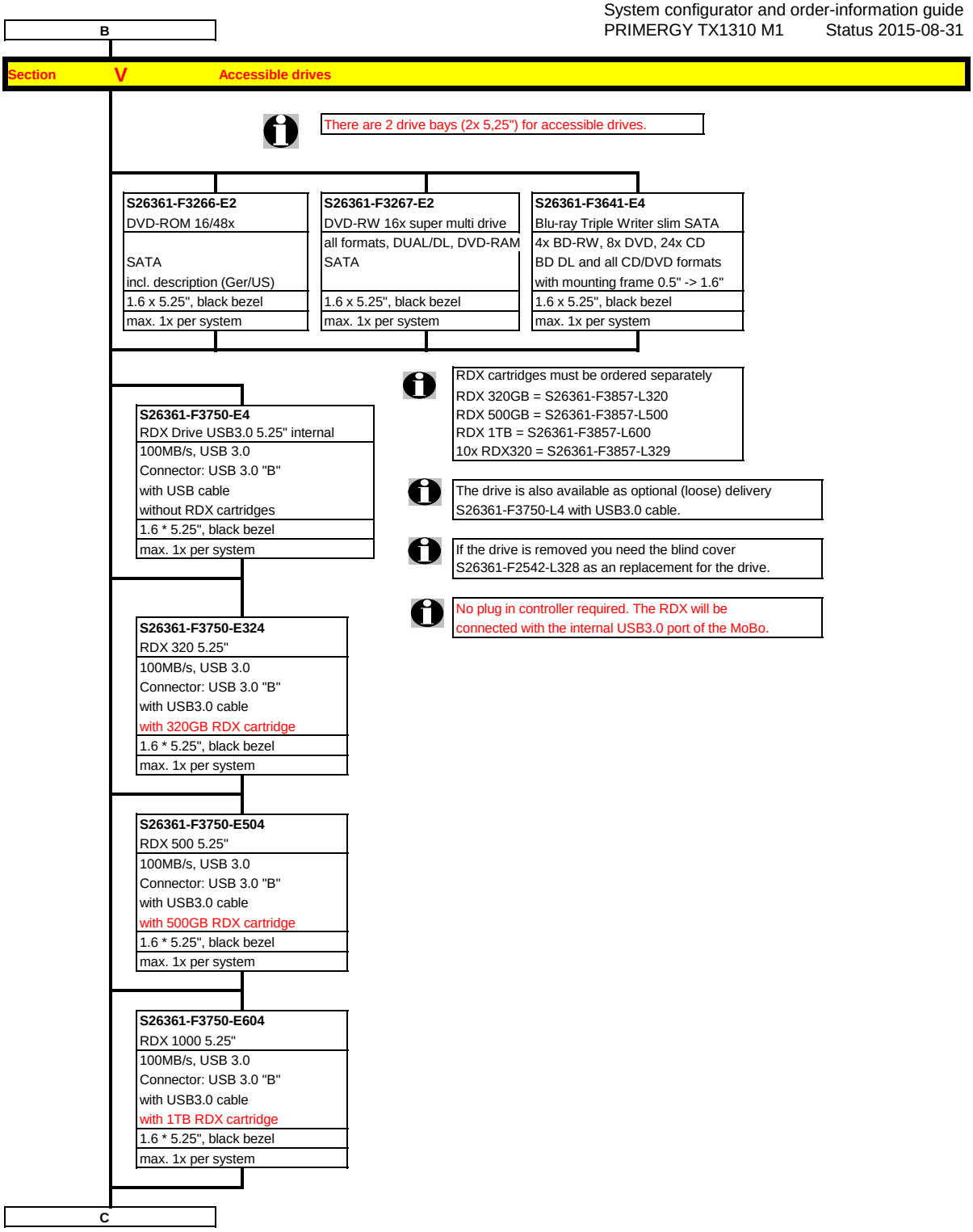
S26361-F2748-E538
PGRA CP NVS 1GB VGA PCIe x16
NVIDIA NVS315 1024 MB PCIe-x16
Connectors: 1x LFH 59 cable kit for 2x DVI or 2x VGA cable kits included
Dual head + professional 2-D + 3-D supported for Windows OS native driver support for Linux OS
full height bracket
max. 1x per system

The hight 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 delievery.
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-L538
PGRA CP NVS 1GB VGA PCIe x16
for loose delivery

B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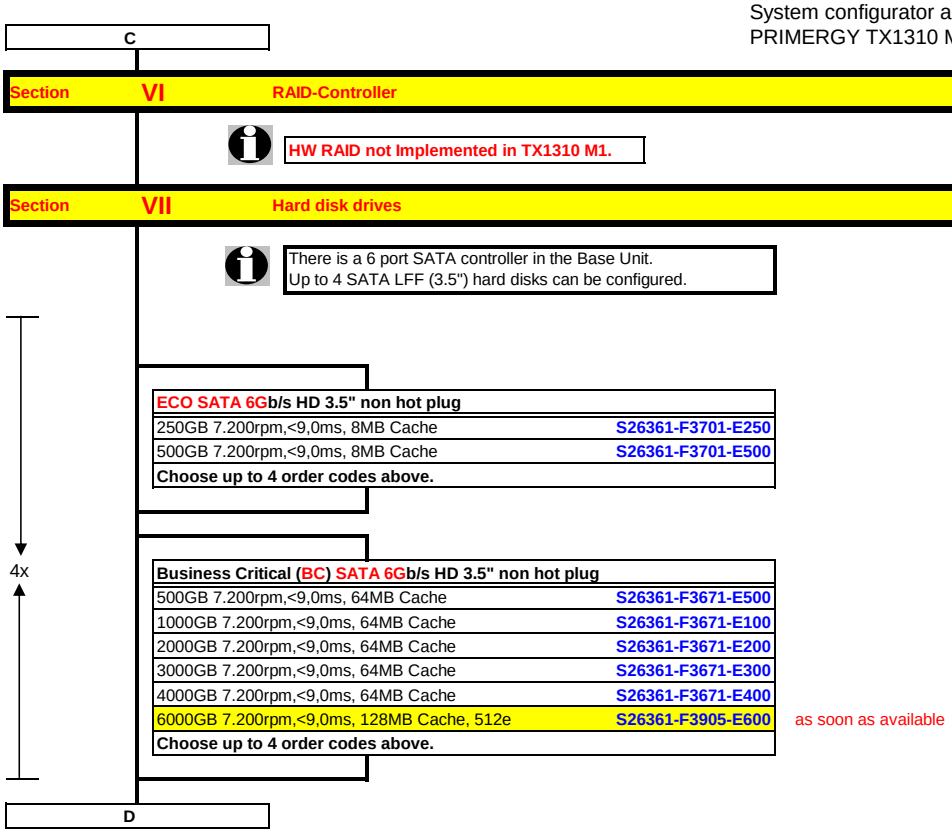
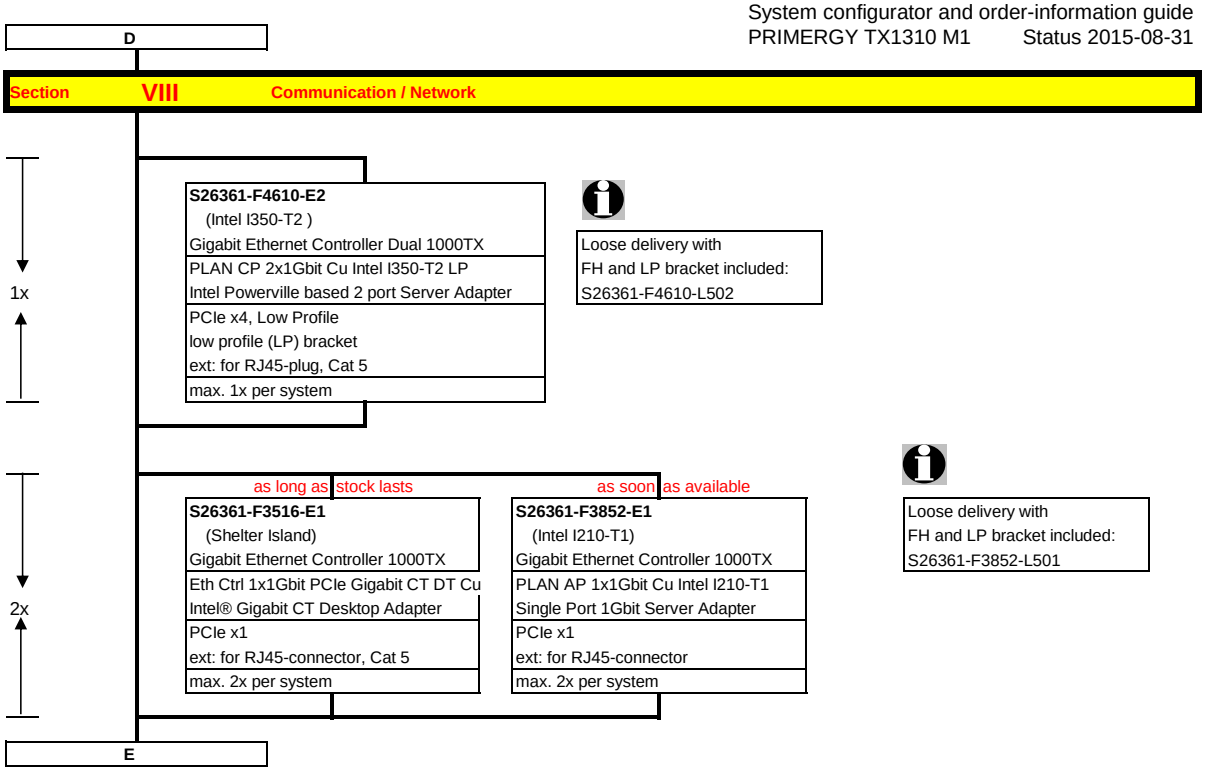
Section V Accessible drives
There are 2 drive bays (2x 5,25") for accessible drives.
S26361-F3266-E2
DVD-ROM 16/48x
SATA
incl. description (Ger/US)
1.6 x 5.25", black bezel
max. 1x per system
S26361-F3267-E2
DVD-RW 16x super multi drive
all formats, DUAL/DL, DVD-RAM
SATA
1.6 x 5.25", black bezel
max. 1x per system
S26361-F3641-E4
Blu-ray Triple Writer slim SATA
4x BD-RW, 8x DVD, 24x CD
BD DL and all CD/DVD formats
with mounting frame 0.5" -> 1.6"
1.6 x 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
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
The drive is also available as optional (loose) delivery
S26361-F3750-L4 with USB3.0 cable.
If the drive is removed you need the blind cover
S26361-F2542-L328 as an replacement for the drive.
No plug in controller required. The RDX will be
connected with the internal USB3.0 port of the MoBo.
S26361-F3750-E324
RDX 320 5.25"
100MB/s, USB 3.0
Connector: USB 3.0 "B"
with USB3.0 cable
with 320GB RDX cartridge
1.6 * 5.25", black bezel
max. 1x per system
S26361-F3750-E504
RDX 500 5.25"
100MB/s, USB 3.0
Connector: USB 3.0 "B"
with USB3.0 cable
with 500GB RDX cartridge
1.6 * 5.25", black bezel
max. 1x per system
S26361-F3750-E604
RDX 1000 5.25"
100MB/s, USB 3.0
Connector: USB 3.0 "B"
with USB3.0 cable
with 1TB RDX cartridge
1.6 * 5.25", black bezel
max. 1x per system
C



ECO SATA 6Gb/s HD 3.5" non hot plug	
250GB 7.200rpm,<9,0ms, 8MB Cache	S26361-F3701-E250
500GB 7.200rpm,<9,0ms, 8MB Cache	S26361-F3701-E500
Choose up to 4 order codes above.	

Business Critical (BC) SATA 6Gb/s HD 3.5" non hot plug		
500GB 7.200rpm,<9,0ms, 64MB Cache	S26361-F3671-E500	
1000GB 7.200rpm,<9,0ms, 64MB Cache	S26361-F3671-E100	
2000GB 7.200rpm,<9,0ms, 64MB Cache	S26361-F3671-E200	
3000GB 7.200rpm,<9,0ms, 64MB Cache	S26361-F3671-E300	
4000GB 7.200rpm,<9,0ms, 64MB Cache	S26361-F3671-E400	
6000GB 7.200rpm,<9,0ms, 128MB Cache, 512e	S26361-F3905-E600	as soon as available
Choose up to 4 order codes above.		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Section VIII Communication / Network
1x
S26361-F4610-E2
(Intel I350-T2)
Gigabit Ethernet Controller Dual 1000TX
PLAN CP 2x1Gbit Cu Intel I350-T2 LP
Intel Powerville based 2 port Server Adapter
PCIe x4, Low Profile
low profile (LP) bracket
ext: for RJ45-plug, Cat 5
max. 1x per system
Loose delivery with
FH and LP bracket included:
S26361-F4610-L502
2x
as long as stock lasts
S26361-F3516-E1
(Shelter Island)
Gigabit Ethernet Controller 1000TX
Eth Ctrl 1x1Gbit PCIe Gigabit CT DT Cu
Intel® Gigabit CT Desktop Adapter
PCIe x1
ext: for RJ45-connector, Cat 5
max. 2x per system
as soon as available
S26361-F3852-E1
(Intel I210-T1)
Gigabit Ethernet Controller 1000TX
PLAN AP 1x1Gbit Cu Intel I210-T1
Single Port 1Gbit Server Adapter
PCIe x1
ext: for RJ45-connector
max. 2x per system
Loose delivery with
FH and LP bracket included:
S26361-F3852-L501
E

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Section IX Miscellaneous

Section X Country specific power cords, Keyboard, Mouse

USB keyboards for following countries:

USB standard Keyboard KB520		**USB professional Keyboard KBPC PX ECO**
S26381-K520-E170	Switzerland	S26381-K341-E170
S26381-K520-E104	Czech/Slovak	S26381-K341-E104
S26381-K520-E120	Germany	S26381-K341-E120
	Germany / Int	S26381-K341-E122
S26381-K520-E180	Spain	S26381-K341-E180
S26381-K520-E140	France	S26381-K341-E140
S26381-K520-E165	United Kingdom	S26381-K341-E165
S26381-K520-E185	Italy	S26381-K341-E185
S26381-K520-E154	Sweden / Finland	S26381-K341-E154
S26381-K520-E102	USA / international	S26381-K341-E110

Optional Mouse	
S26381-K457-E100	Mouse M510 black
S26381-K457-E101	Mouse M510 grey

S26361-F3301-E123
Certification for India

For shipments to India mandatory!

Hint: No country specific powercord configurable with Certification for India

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

T26139-Y1740-E10	D, A, B, F, NL, FIN, N, S, E, P, RUS, TR
T26139-Y1742-E10	USA, Canada
T26139-Y1743-E10	Switzerland
T26139-Y1744-E10	UK, IR
T26139-Y1745-E10	Italy
T26139-Y1746-E10	Denmark
T26139-Y1751-E10	China
T26139-Y3850-E10	Option "no powercord", for Countries without specific cable orderable

Optional Power cord 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
T26139-Y1751-L10	China

S26361-F1452-E100
REGION KIT EMEA AP
For Shipments to EMEA / Asia and Pacific regions
1x per system

S26361-F1452-E110
REGION KIT JP
For Shipments to Japan regions
1x per system

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.

End PRIMERGY TX1310 M1

Change Report

Date	Order number	Changes
2015-07-20	S26361-F2748-E537	NVS300 EOL and deleted, successor NVS315 available
2015-06-11	T26139-Y1751-E10	country specific power codes updated and optional power cords added
2015-04-09	S26361-K1488-V902	Base Unit for SX131 M1 - Universal Storage Server added
2015-02-17	S26361-F3905-E600	6TB SATA 6G 7.2Krpm 512e HDD added
2014-12-15	S26361-F2748-E538	PGRA CP NVS 1GB VGA PCIe x16 added plus EOL dates for predessesor / first delivery
2014-10-09	S26361-F3852-E1	added new Single Port 1Gbit NIC
2014-07-24		SW-Pages and external USB devices removed from configurator
2014-06-30	S26361-F3301-E123	Added certification for India
2014-05-15		added Infoboxes for RDX
2014-03-31		First Release