

PRIMERGY TX1310 M1

System configurator and order-information guide

April 2017

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PRIMERGY Server

Instructions

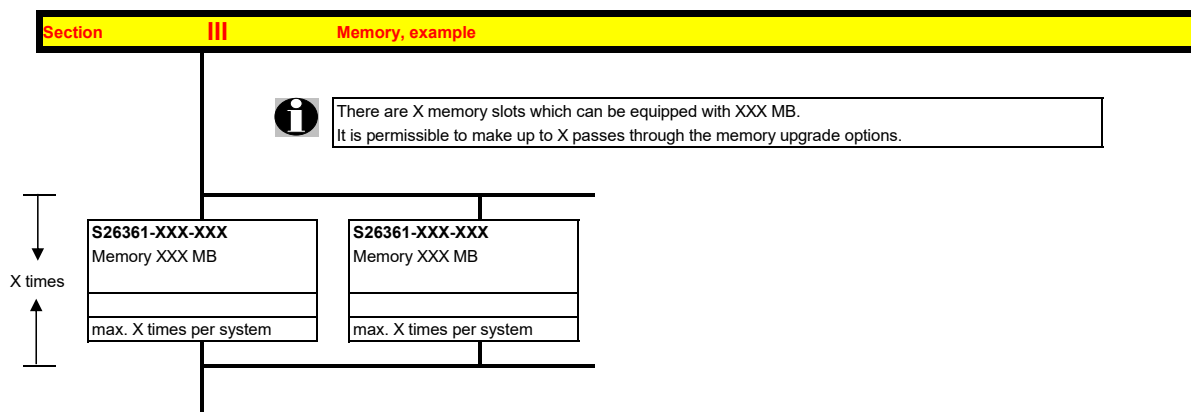
This document contains basic product and configuration information that will enable you to configure your system via PC-/ System-Architect.

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

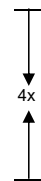
You can configure your individual PRIMERGY server in order to adjust your specific requirements.

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.



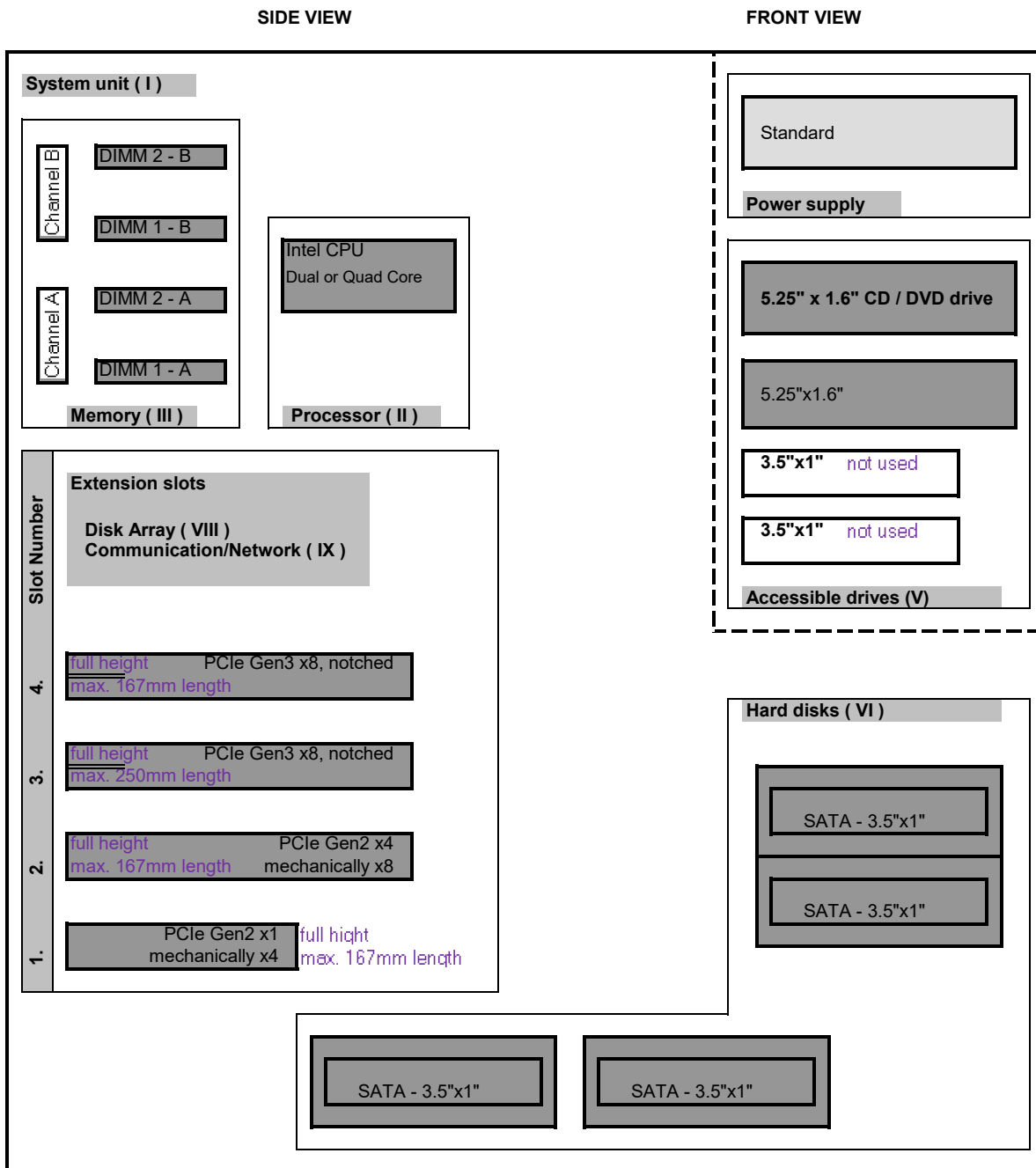
For further information see:

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 Address 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	
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

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

Section 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.

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

i 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 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

i **S26361-F2748-L538**
 PGRA CP NVS 1GB VGA PCIe x16
 for loose delivery

B


B

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
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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	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
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 RDX cartridges must be ordered separately

RDX Cartridge 500GB	S26361-F3857-L500
RDX Cartridge 1TB	S26361-F3857-L600
RDX Cartridge 2TB	S26361-F3857-L700
RDX Cartridge 3TB	S26361-F3857-L800

 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.

C

C

Section VI RAID-Controller



HW RAID plug in cards not available in TX1310 M1. Please use onboard RAID.

Section VII Hard disk drives



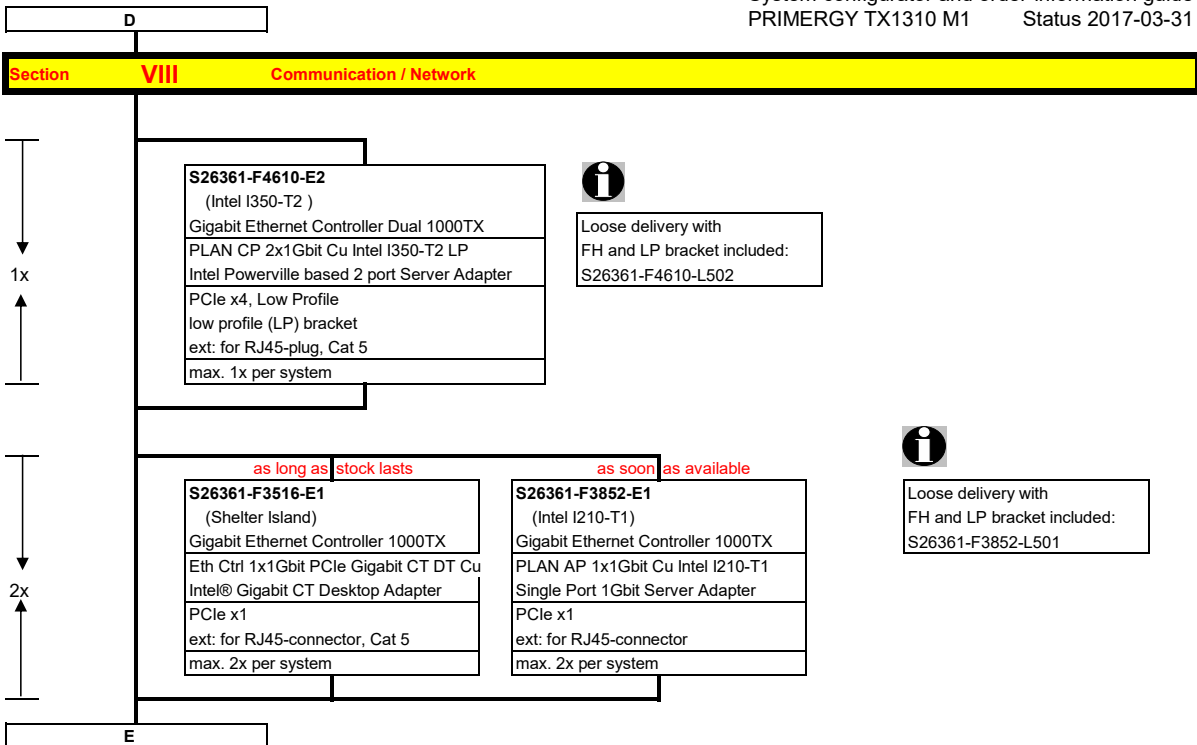
There is a 6 port SATA controller in the Base Unit.
 Up to 4 SATA LFF (3.5") hard disks can be configured.
 HDD Class: BC SATA = Nearline SATA Enterprise Drives
 ECO SATA= Entry Class Drives

4x

ECO SATA 6Gb/s HD 3.5" non hot plug	
500GB 7.200rpm, <9,0ms, 16MB Cache	S26361-F3952-E500
1TB 7.200rpm, <9,0ms, 64MB Cache	S26361-F3952-E100
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
4000GB 7.200rpm, <9,0ms, 64MB Cache	S26361-F3671-E400
Choose up to 4 order codes above.	

D



E

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
S26381-K520-E180	Germany / Int	S26381-K341-E122
S26381-K520-E140	Spain	S26381-K341-E180
S26381-K520-E165	France	S26381-K341-E140
S26381-K520-E185	United Kingdom	S26381-K341-E165
S26381-K520-E154	Italy	S26381-K341-E185
S26381-K520-E102	Sweden / Finland	S26381-K341-E154
	USA / international	S26381-K341-E110

Optional Mouse

Mouse M520 Black	S26381-K467-E100	S26381-K467-L100
Mouse M520 Grey	S26381-K467-E101	S26381-K467-L101
Mouse M530 Black	n/a	S26381-K468-L100
Mouse M530 Grey	n/a	S26381-K468-L101

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, black	
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-Y1757-E10	Taiwan

2.5 m, black	
T26139-Y1747-E18	Israel
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, black	
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-Y1757-L10	Taiwan

2.5m, black	
T26139-Y1747-L18	Israel
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

S26361-F1452-E140

REGION KIT Europe
 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

