

PRIMERGY TX1320 M1

System configurator and order-information guide

October 2014

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Software Configurator EM64T

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PRIMERGY Server

Instructions

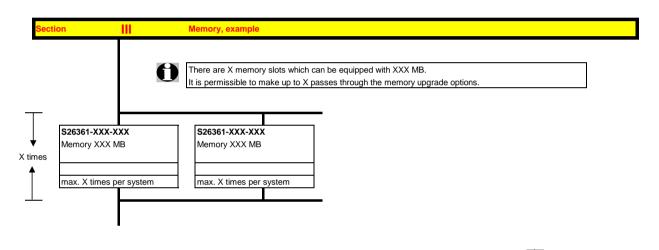
This document contains basic product and configuration information that will enable you to configure your system via PC-/ System-Architect.

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/Pages/default.aspx

(extranet)

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

Configuration diagram PRIMERGY TX1320 M1

System unit (I) **SIDE VIEW FRONT VIEW** PS(I) Standard Power Supply HH RDX Processor (II) Intel CPU Operating (Dual-or Quad Core) System Fan Panel Access. drives (V) Memory (III) the CPU offers 2 Banks (I, II) with 2 Channels each **Extension slots** Hard disk drive slots (VI) 4 PCI cards SAS Controller (VII) Disk Array (VIII) Communication/Network (IX) 4x SFF HDD Frame Miscellaneous (X) 2.5" (SFF) hp SAS / SATA max. 2.5" (SFF) hp SAS / SATA 2.5" (SFF) hp SAS / SATA Slot 4 (3,3V): PCIeGen3 x8, 167mm lp, Possibility to install PCIe x16 cards 2.5" (SFF) hp SAS / SATA OR 33 Slot 3 (3,3V): PCleGen3 x8, 167mm lp, Possibility to install PCle x16 cards 2x LFF HDD Frame 3.5" (LFF) non hp SATA 3 Slot 2 (3,3V): PCIeGen2 x8 (wired x4), 167mm lp, Possibility to install PCIe x16 cards 3.5" (LFF) non hp SATA Slot 1 (3,3V): PCleGen2 x4 (wired x1), 167mm Key: Included in basic unit Option CPU and one memory (first memory) has to be selected for an orderable basic unit.

Section

Basic unit

System unit Floorstand including:

Two lockable front covers

Door #1 for accessible drive bays

Door #2 for hot plug HDD bays (Type 1 base unit only)

Both doors may be locked or door #1 may be left open while door #2 is still locked

* HD type depending on base unit:

Type 1: 4x hot plug SFF (2.5") SAS or SATA HDD optionally extentible to 6x hot plug SFF (2.5")

Type 2: 2x non hot plug LFF (3.5") SATA HDD

- * 1 power supply (Standard PSU with 250W)
- * Two System fans (No Hot-plug, No redundancy)
- * 1 bay 5.25" for accessible drives (slim line)
- * 1 bay 3.5" (HH) for RDX backup or 2x hot plug SFF (2.5") extension box (SFF base unit only)

Systemboard D3239 with:

- heat pipe for the CPU
- * Chipset Intel® C224 (codenamed Denlow Lynx Point Standard)
- * 4 PCI slots: 1 x PCIe x16 Gen2 (Ip)
 - 1 x PCle x4 (x8 connected) Gen2 (lp)
 - 1 x PCle x1 (x4 connected) Gen2 (lp)
- * 4 memory slots 1 x 32Bit / PCI 33MHz-5V, (Ip)
- 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 0/1/10)
- * 2x1 Gbit Ethernet LAN on board (Intel Springville and Intel Clarkville) 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 Management LAN-port and

integrated graphics controller (max. Resolution: 1600 x 1200 at 16 bpp)

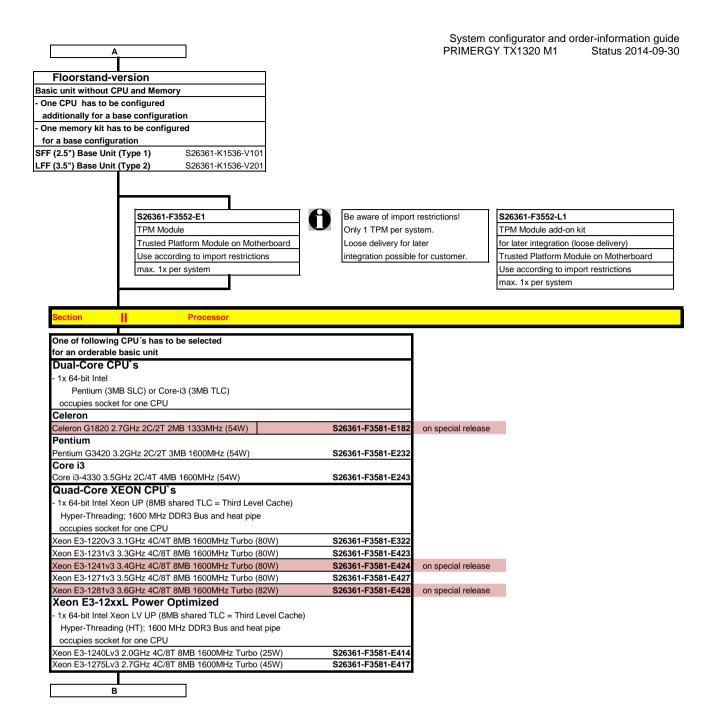
Interfaces:

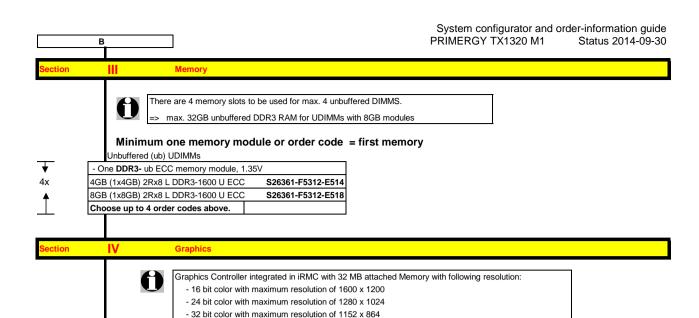
- 1x RS-232-C (9-pin) (usable for BMC or OS or shared)
- * 1x VGA (15 pin)
- * 6x USB 2.0 (UHCI) with 480MBit/s (4x external at the rear, 1x external at the front, 1x internal for UFM, no USB wakeup)
- * 4x USB 3.0 (UHCI) with 5 GBit/s (2x external at the rear, 1x external at the frontside, 1x internal for backup device)
- * 2x LAN RJ45, 1x Service-LAN RJ45 switchable

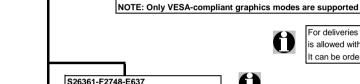
*internal Cables:

- 1. SATA cable for BD/DVD.
- 2. HDD Backplane cable (Type 1 base unit only) or SATA cable for up to 2 HDDs (Type 2 base unit only)
- * ServerView Suite Software Paket inkl. ServerView Installation Manager and Server Management Software
- * Documentation engl. (multilingual on CD)

A









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

S26361-F2748-E637 PY VGA LP card 512MB PCI-e x1 NVIDIA NVS300 512 MB PCle-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 OS low profile bracket max. 1x per system



This resolution is also available via iRMC advance video redirection.

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.

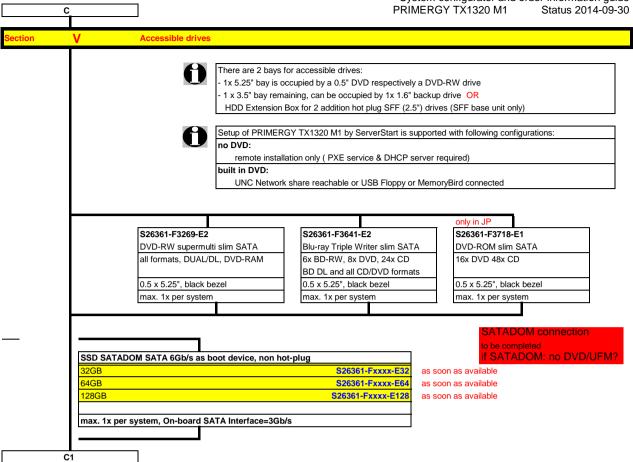
Remote Video direction via iRMC must be disabled.

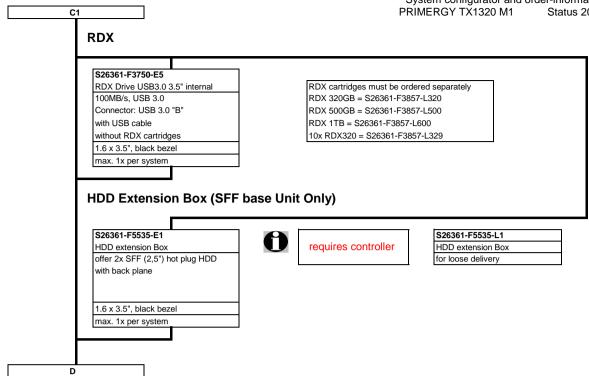
This PCIe-x1 card can also be installed in any PCIe-x4, x8 or x16 slot.

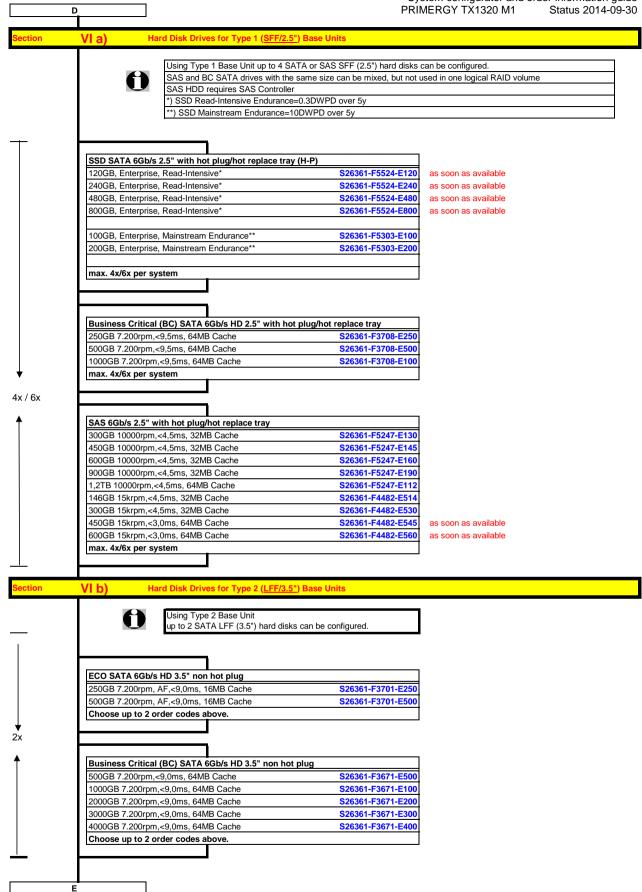
Only one card per server is allowed.

PY VGA card must be installed in slot 2

S26361-F2748-L637 PY VGA LP card 512MB PCI-e x1 for loose delivery







Mix of ECO SATA with SAS HDDs is not possible

S26361-F3669-E2/E3 does not support
3.5" ECO SATA HDD (S26361-F3701-E250/E500)

S26361-F3257-E4 4 port SAS RAID Controller - only for SAS HDDs! up to 2TB support only!

you can choose between 3 types of 8 port SAS controller for the Base Unit:

- LSI 2008 based Modular RAID 0,1 (IME)

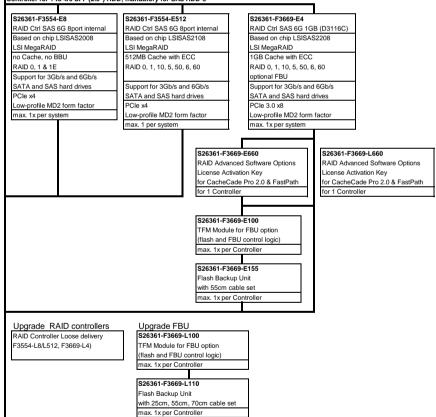
- LSI 2108 based Modular RAID 5,6

- LSI 2208 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 4/6 SFF (2.5") HDD; mandatory for SAS HDD's

1x





All other controllers can be ordered

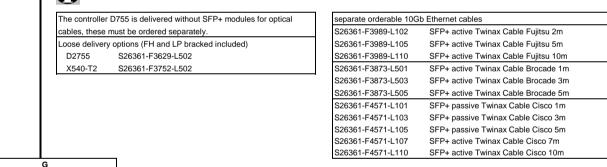
as loose delivery only!

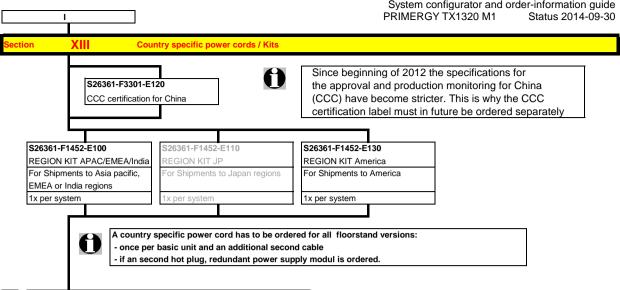
Fujitsu PRIMERGY Server

Loose delivery with LP bracket:

Shelter Island

S26361-F3516-L201





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 max. T26139-Y1743-E10 Switzerland 1 x 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



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.



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-I 10 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.

USB Reyboards for floorstand versions for following countries:			
USB standard		USB professional	
Keyboard KB521		Keyboard KBPC PX ECO	
S26381-K521-E170	Switzerland	S26381-K341-E170	
S26381-K521-E104	Czech/Slovak	S26381-K341-E104	
S26381-K521-E120	Germany	S26381-K341-E120	
S26381-K521-E180	Spain	S26381-K341-E180	
S26381-K521-E140	France	S26381-K341-E140	
S26381-K521-E165	United Kingdom	S26381-K341-E165	
S26381-K521-E175	Portugal		
S26381-K521-E185	Italy	S26381-K341-E185	
S26381-K521-E154	Sweden / Finland	S26381-K341-E154	
S26381-K521-E110	USA	S26381-K341-E110	

Optional Mouse S26381-K457-F100 Mouse M510 black S26381-K457-E101 Mouse M510 grey

Change Report

Date	Order number	Changes
	S26361-F5524-E80	80GB SSD removed.
2014-08-11		added partnumber for S26361-F5535-E/L1 for extention box
2014-08-01		First Release