FUJITSU

PRIMERGY TX1310 M3

System configurator and order-information guide

December 2019

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- 0 System software
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Change report

PRIMERGY Server

Instructions

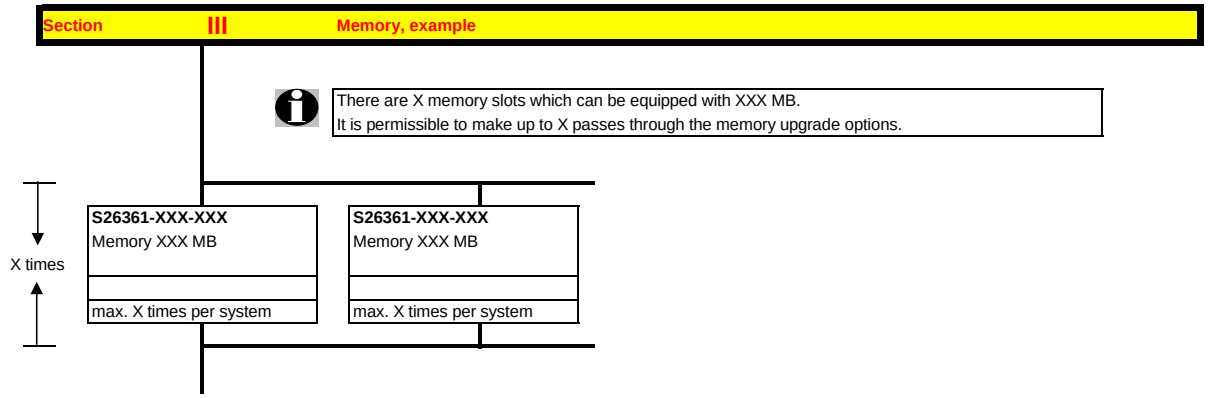
This document contains basic product and configuration information that will enable you to configure your system via PC-/ System-Architect.

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

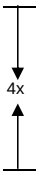
You can configure your individual PRIMERGY server in order to adjust your specific requirements.

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.

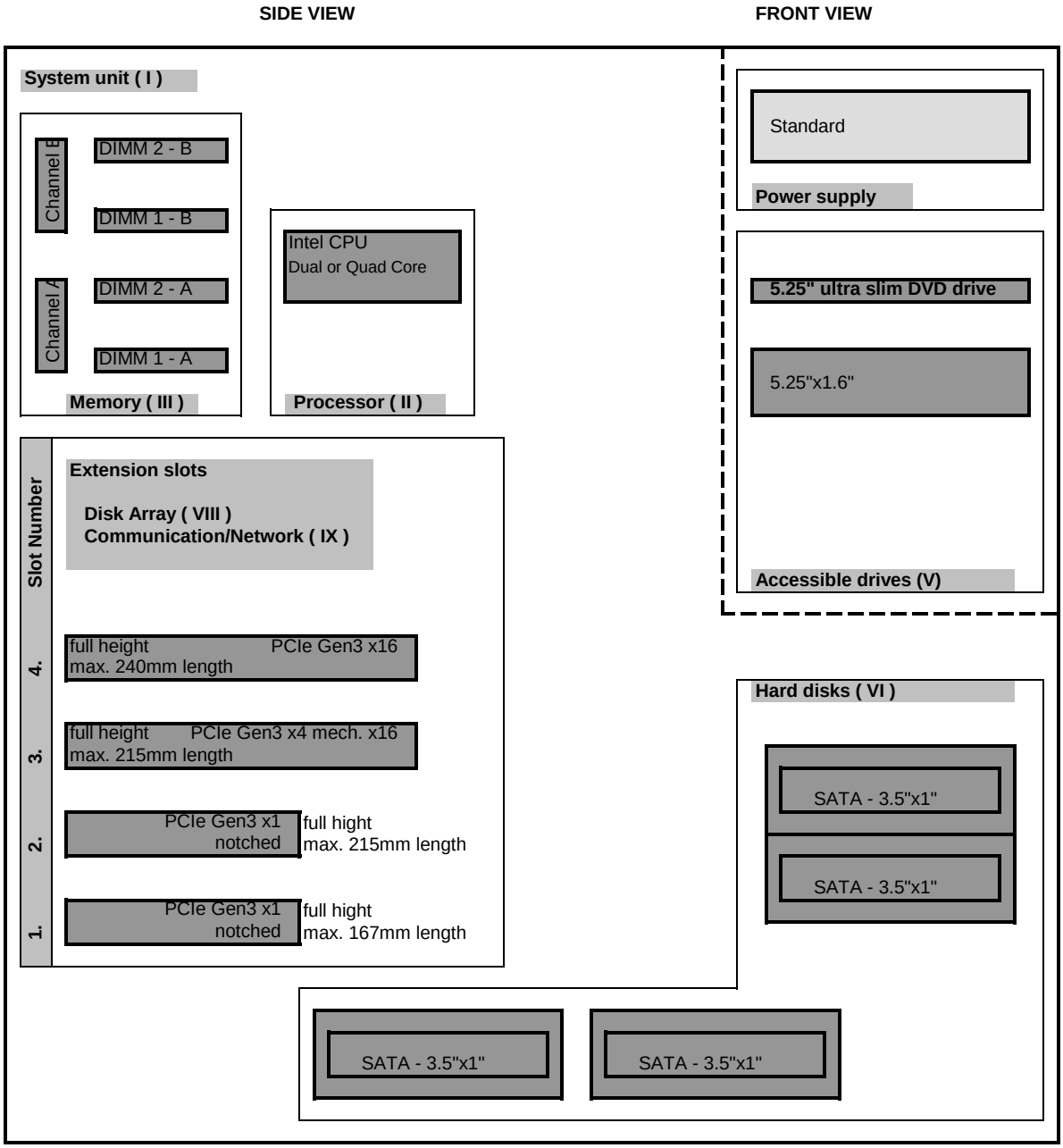
For further information see:

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:**
2x PCIe Gen3 x1, notched
1x PCIe Gen3 x4, mechanically x16 (may be used for VGA Port option)
1x PCIe Gen3 x16
*** Slot for optional TPM module**
*** 4 memory slots for up to 64GB (2400MHz PC4 19200) unbuffered DDR4 RAM (ECC)**
max. 16GB modul per slot
*** 2 bays 5.25" for accessible drives (1x ultra slim for DVD, 1x 1,6" high)**
*** 4 LFF (3.5" Large Form Factor) bays 1" high for non hot plug SATA HD**

*** SATA controller with up to 4 HDD's using Intel C236 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 ("Jacksonville" Intel i219LM) on-board LAN supporting WoL and PXE**

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) - cable option
1x DP - optional VGA (15 pins) using adapter card
1xUSB3.0 Intern (Type A) for backup devices or USB Stick
6x USB 3.0 (2x frontside, 4x rearside)
3x USB 2.0 (2x rearside, 1x internal USSD / UFM)
1x LAN RJ45

S26361-K1581-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
for full configuration

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

S26361-F3552-E6
TPM Module V1.2
Trusted Platform Module on Motherboard
Usage according to import restrictions
max. 1x per system

S26361-F3552-E10
TPM Module V2.0
Trusted Platform Module on Motherboard
Usage according to import restrictions
max. 1x per system

S26361-F3552-L6
TPM Module V1.2 add-on kit
for later integration (loose delivery)
Trusted Platform Module on Motherboard
Usage according to import restrictions
max. 1x per system

S26361-F3552-L10
TPM Module V2.0 add-on kit
for later integration (loose delivery)
Trusted Platform Module on Motherboard
Usage according to import restrictions
max. 1x per system

A

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Section II Processor

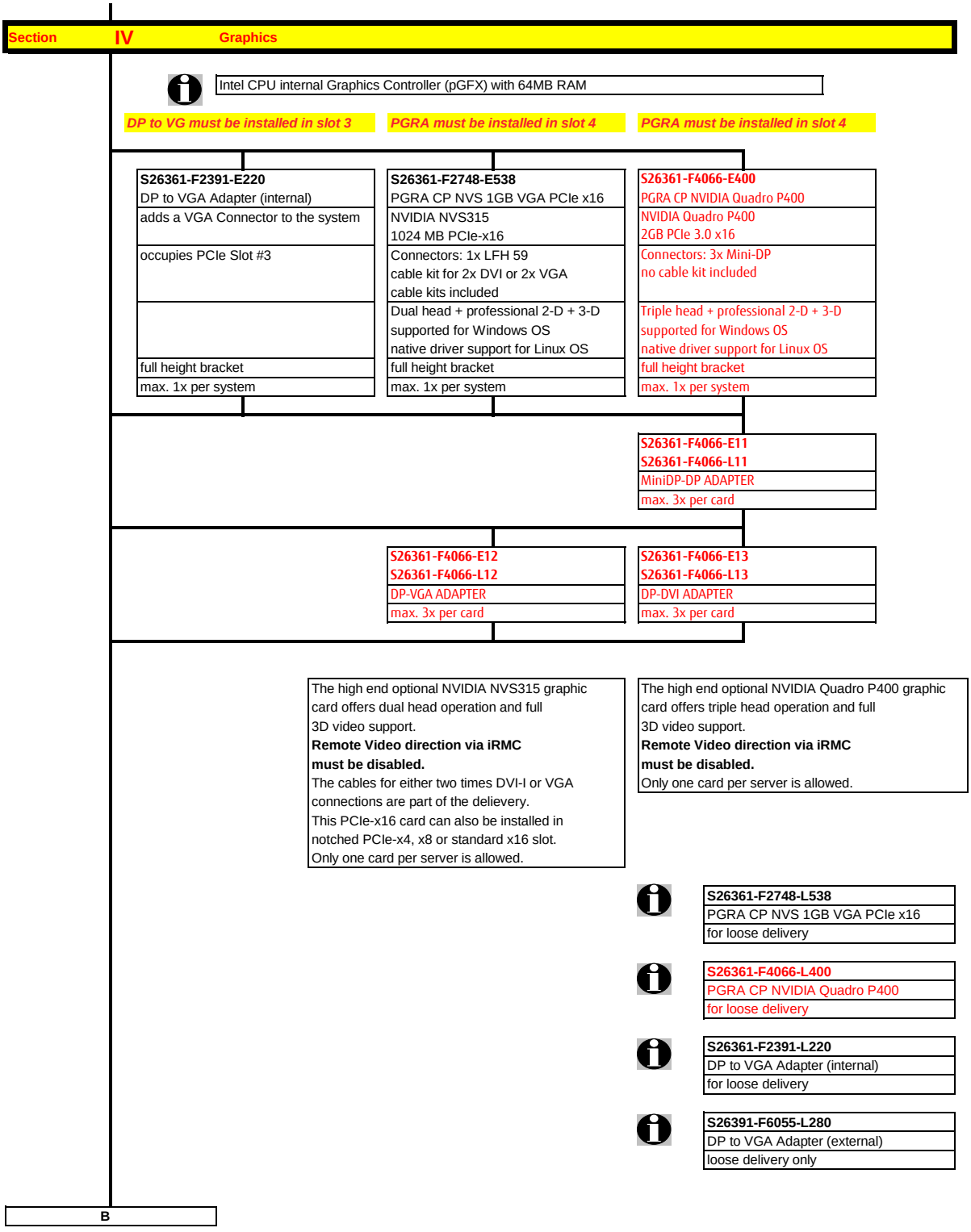
One of following CPU´s has to be selected for an orderable basic unit		
Dual-Core CPU`s		
- 1x 64-bit Intel Celeron (2MB SLC), Pentium (3MB SLC) or Core-i3 (4MB TLC) occupies socket for one CPU		
Celeron		
Celeron G3930 2.9GHz 2C/2T 2MB 2133MHz (51W)	**S26361-F4029-E103**	on special release
Pentium		
Pentium G4560 3.5GHz 2C/4T 3MB 2400MHz (54W)	**S26361-F4029-E104**	
Core i3		
Core i3-7100 3.9GHz 2C/4T 3MB 2400MHz (51W)	**S26361-F4029-E107**	
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 E3-1205v6 3.0GHz 4C/4T 8MB 2400MHz (65W)	**S26361-F4029-E105**	
Xeon E3-1225v6 3.3GHz 4C/4T 8MB 2400MHz Turbo (73W)	**S26361-F4029-E125**	
Xeon E3-1245v6 3.7GHz 4C/8T 8MB 2400MHz Turbo (73W)	**S26361-F4029-E145**	

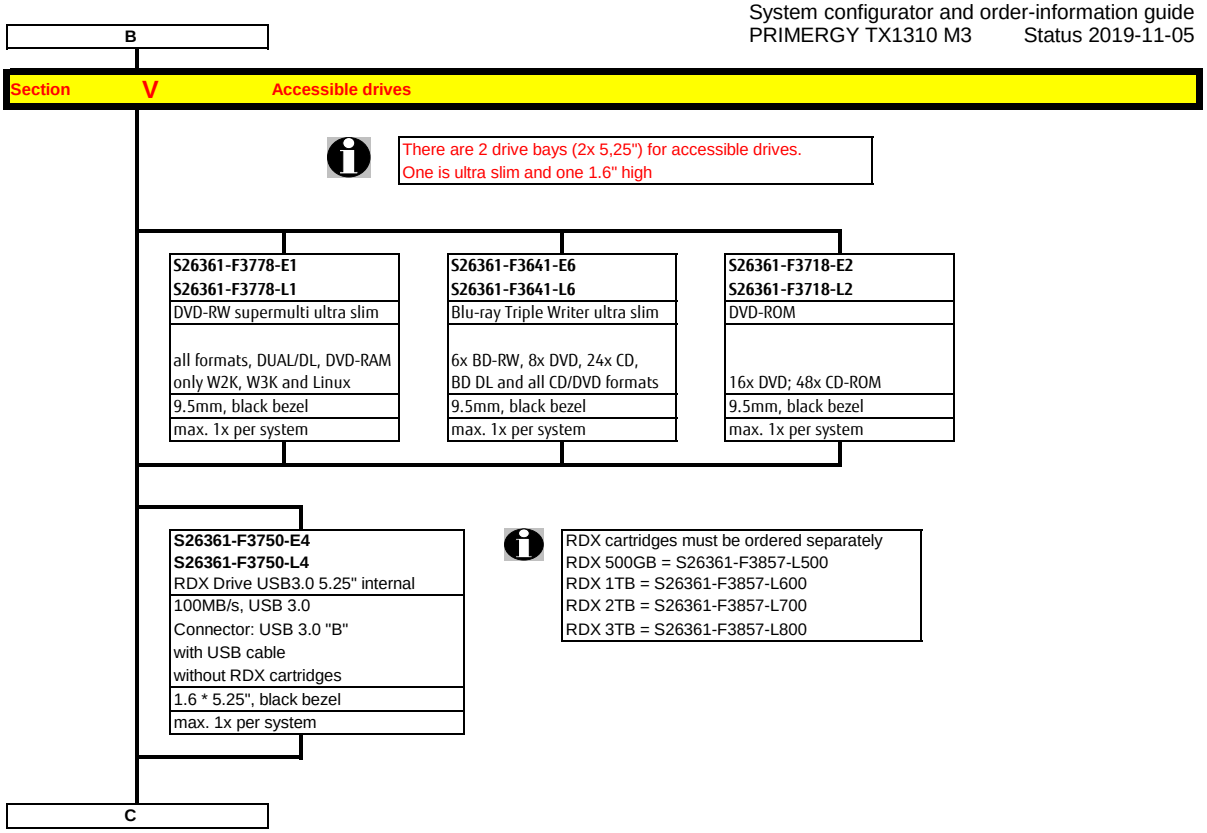
Section III Memory

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. 64GB unbuffered DDR4 RAM for UDIMMs with 16GB modules
Note: Memory is not included in the base unit and has to be configured separately, min 1x.**

2/4x

- One **DDR4-** ub ECC memory module	
4GB (1x4GB) 1Rx8 DDR4-2400 U ECC	**S26361-F3909-E614**
8GB (1x8GB) 1Rx8 DDR4-2400 U ECC	**S26361-F3909-E615**
16GB (1x16GB) 2Rx8 DDR4-2400 U ECC	**S26361-F3909-E616**
Choose up to 2/4 order codes above.	


Section IV Graphics
Intel CPU internal Graphics Controller (pGFX) with 64MB RAM
DP to VG must be installed in slot 3
PGRA must be installed in slot 4
PGRA must be installed in slot 4
S26361-F2391-E220
DP to VG Adapter (internal)
adds a VGA Connector to the system
occupies PCIe Slot #3
full height bracket
max. 1x per system
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
S26361-F4066-E400
PGRA CP NVIDIA Quadro P400
NVIDIA Quadro P400
2GB PCIe 3.0 x16
Connectors: 3x Mini-DP
no cable kit included
Triple head + professional 2-D + 3-D
supported for Windows OS
native driver support for Linux OS
full height bracket
max. 1x per system
S26361-F4066-E11
S26361-F4066-L11
MiniDP-DP ADAPTER
max. 3x per card
S26361-F4066-E12
S26361-F4066-L12
DP-VGA ADAPTER
max. 3x per card
S26361-F4066-E13
S26361-F4066-L13
DP-DVI ADAPTER
max. 3x per card
The high end optional NVIDIA NVS315 graphic card offers dual head operation and full 3D video support.
Remote Video direction via iRMC must be disabled.
The cables for either two times DVI-I or VGA connections are part of the delievery.
This PCIe-x16 card can also be installed in notched PCIe-x4, x8 or standard x16 slot.
Only one card per server is allowed.
The high end optional NVIDIA Quadro P400 graphic card offers triple head operation and full 3D video support.
Remote Video direction via iRMC must be disabled.
Only one card per server is allowed.
S26361-F2748-L538
PGRA CP NVS 1GB VGA PCIe x16
for loose delivery
S26361-F4066-L400
PGRA CP NVIDIA Quadro P400
for loose delivery
S26361-F2391-L220
DP to VGA Adapter (internal)
for loose delivery
S26391-F6055-L280
DP to VGA Adapter (external)
loose delivery only
B


B
Section V Accessible drives
There are 2 drive bays (2x 5,25") for accessible drives.
One is ultra slim and one 1.6" high
S26361-F3778-E1
S26361-F3778-L1
DVD-RW supermulti ultra slim
all formats, DUAL/DL, DVD-RAM
only W2K, W3K and Linux
9.5mm, black bezel
max. 1x per system
S26361-F3641-E6
S26361-F3641-L6
Blu-ray Triple Writer ultra slim
6x BD-RW, 8x DVD, 24x CD,
BD DL and all CD/DVD formats
9.5mm, black bezel
max. 1x per system
S26361-F3718-E2
S26361-F3718-L2
DVD-ROM
16x DVD; 48x CD-ROM
9.5mm, black bezel
max. 1x per system
S26361-F3750-E4
S26361-F3750-L4
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 500GB = S26361-F3857-L500
RDX 1TB = S26361-F3857-L600
RDX 2TB = S26361-F3857-L700
RDX 3TB = S26361-F3857-L800
C

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Section VI RAID-Controller

HW RAID plug in cards not available in TX1310 M3. 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.

Hard Disk Sector Format Information:
512n HDD: 512 byte sectors on the drive media.
512e (e=emulation) HDD: 4K physical sectors on the drive media with 512 byte logical configuration.
512e HDD Disk Drives: VMware 6.0 or earlier is not supported.

HDD Classes:
Economic (ECO) SATA: Entry Class Drives.
Business-Critical (BC) -SATA=Nearline SATA Enterprise Drives / 7.2Krpm, SATA 6G.

3.5" NON hot plug Drives for internal bays

HDD SATA 3.5" 7.2K 512n (LFF) Enterprise Business Critical with **NON** hot plug/hot replace tray

Capacity	*RPM*	*Interface*	*Sector*		*order code E-part*	*order code L-part*
1TB	7 200	SATA 6Gb/s	512n		**S26361-F5637-E100**	**S26361-F5637-L100**
2TB	7 200	SATA 6Gb/s	512n		**S26361-F5637-E200**	**S26361-F5637-L200**
4TB	7 200	SATA 6Gb/s	512n		**S26361-F5637-E400**	**S26361-F5637-L400**
Choose up to 4 order codes above.						

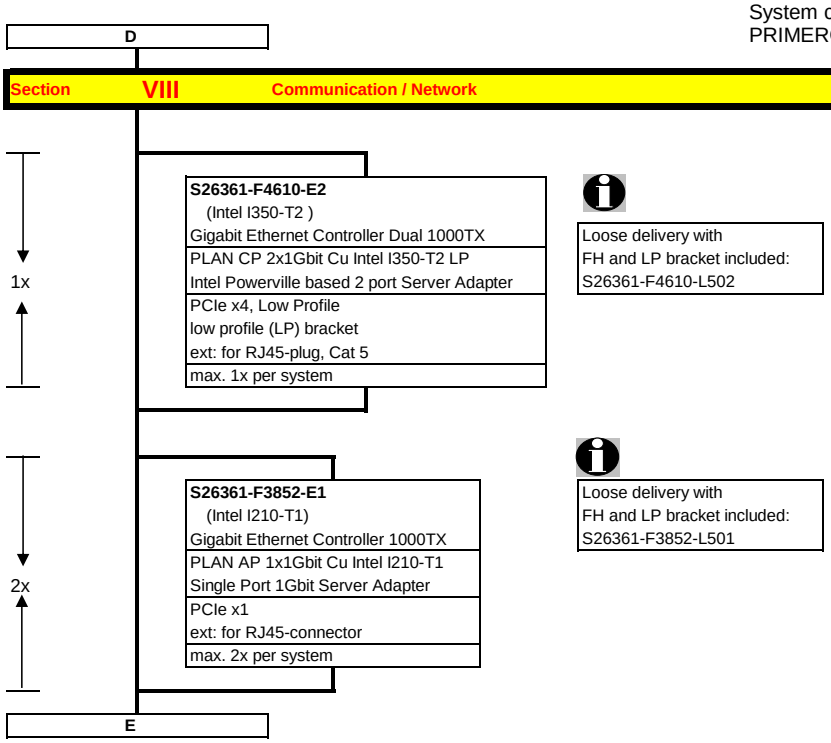
HDD SATA 3.5" 7.2K 512e (LFF) Enterprise Business Critical with **NON** hot plug/hot replace tray

Capacity	*RPM*	*Interface*	*Sector*		*order code E-part*	*order code L-part*
6TB	7 200	SATA 6Gb/s	512e		**S26361-F5639-E600**	**S26361-F5639-L600**
8TB	7 200	SATA 6Gb/s	512e	as soon as available	**S26361-F5639-E800**	**S26361-F5639-L800**
8TB	7 200	SATA 6Gb/s	512e		**S26361-F3905-E800**	**S26361-F3905-L800**
10TB	7 200	SATA 6Gb/s	512e		**S26361-F3905-E100**	**S26361-F3905-L100**
12TB	7 200	SATA 6Gb/s	512e		**S26361-F3905-E120**	**S26361-F3905-L120**
Choose up to 4 order codes above.						

HDD SATA 3.5" 7.2K (LFF) ECO with **NON** hot plug/hot replace tray

Capacity	*RPM*	*Interface*	*Sector*		*order code E-part*	*order code L-part*
500GB	7 200	SATA 6Gb/s	512e		**S26361-F5641-E500**	**S26361-F5641-L500**
1TB	7 200	SATA 6Gb/s	512e		**S26361-F3952-E100**	**S26361-F3952-L100**
Choose up to 4 order codes above.						

D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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
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

Chapter 15 - Accessories

Q

http://www.fujitsu.com/fts/products/computing/peripheral/accessories/index-facts.html

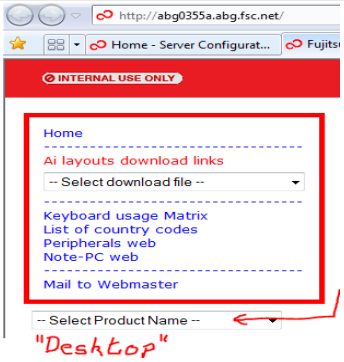
USB Mouse:		
Mouse M520 Black	**S26381-K467-E100**	**S26381-K467-L100**
Mouse M520 Grey	**S26381-K467-E101**	**S26381-K467-L101**
Mouse M530 Black	**n/a**	**S26381-K468-L100**
Mouse M530 Grey	**n/a**	**S26381-K468-L101**

USB Memory Sticks - Available until August 2020. No successor planned.		
ADATA UC350 USB3.1 Type C OTG Flash Drive 64GB		**S26391-F6048-L464**

USB Keyboards for Tower Servers for following countries:		
USB professional Keyboard KBPC PX ECO	**Country version**	**FUJITSU Keyboard KB521 USB (grey)**
	US/ int 105 keys (UK keyboard + US int. Layout)	**S26381-K521-E102**
S26381-K341-E104	Czech/Slovak	**S26381-K521-E104**
S26381-K341-E110	US 104 keys (US keyboard + US layout)	**S26381-K521-E110**
S26381-K341-E120	Germany	**S26381-K521-E120**
S26381-K341-E122	Germany / Int	**S26381-K521-E122**
S26381-K341-E140	France	**S26381-K521-E140**
S26381-K341-E154	Sweden / Finland	**S26381-K521-E154**
S26381-K341-E165	United Kingdom	**S26381-K521-E165**
S26381-K341-E170	Switzerland	**S26381-K521-E170**
S26381-K341-E180	Spain	**S26381-K521-E180**
S26381-K341-E185	Italy	**S26381-K521-E185**

Please find the layout of all Fujitsu keyboards here:
http://abg0355a.abg.fsc.net/

USB Optical Disc Drive	
External Ultra Slim Portable DVD Writer (Hitachi-LG)	**S26341-F103-L142**



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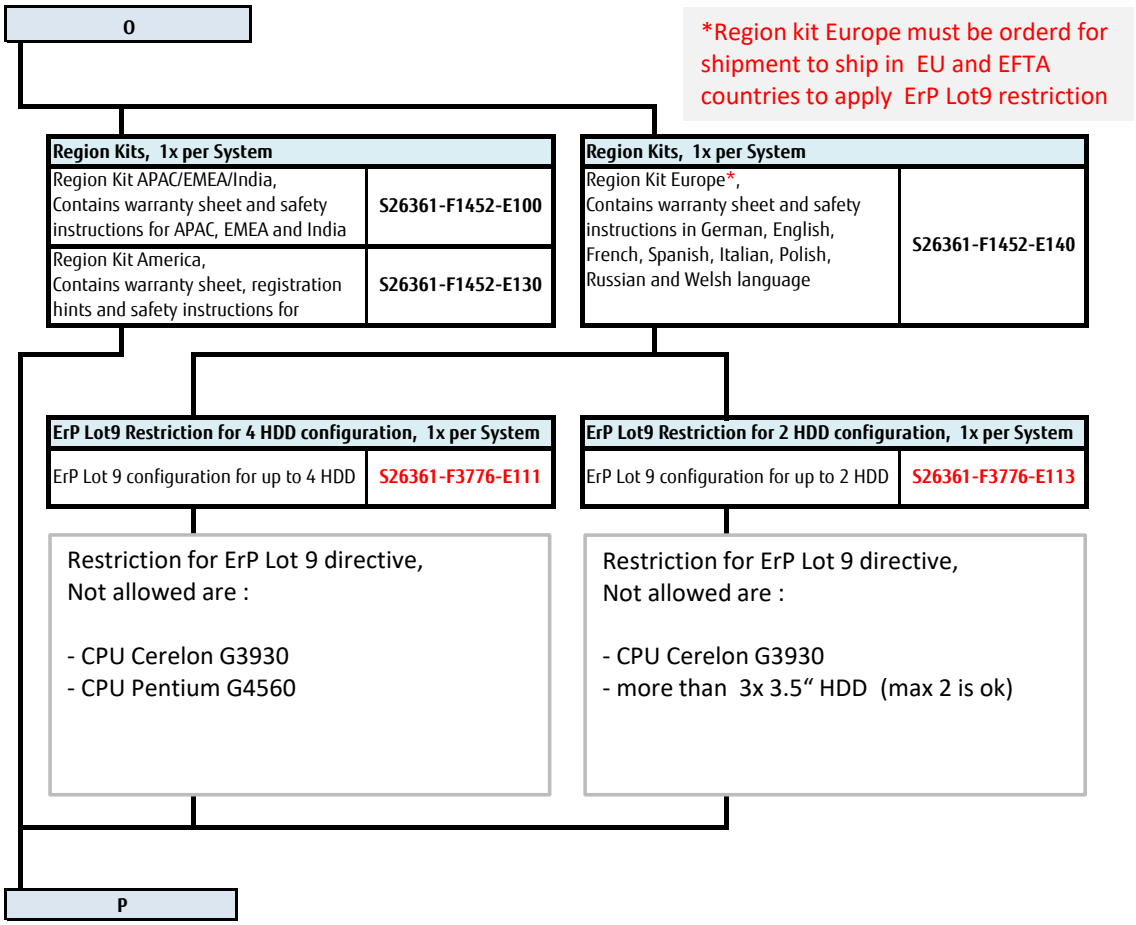
Chapter 14 - ErP Lot 9 restriction



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Section IX Miscellaneous

1x

S26361-F3316-E11
Serial Option (COM1)
adapter cable
max. 1x per system

Loose delivery
S26361-F3316-L11

Section X Country specific power cords, Region Kits …

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-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

Region Kits, required to order one of them, 1x per System	build-in order code	loose delivery order code	
Region Kit APAC/EMEA/India, Contains warranty sheet and safety instructions for APAC, EMEA and India	**S26361-F1452-E100**	-	
Region Kit America, Contains warranty sheet, registration hints and safety instructions for America	**S26361-F1452-E130**	-	
Region Kit Europe, Contains warranty sheet and safety instructions in German, English, French, Spanish, Italian, Polish, Russian and	**S26361-F1452-E140**	-	(Sales re
Region Kit China for CCC option required systems, Contains warranty sheet and safety instructions for China,	**S26361-F1452-E101**	-	(Sales re

Certifications, optional 1x per system	build-in order code	loose delivery order code
Certification for China, (CCC), Reduced component selection possible, only with no power cord option	**S26361-F3301-E120**	-
Certification for India, (BIS), Reduced component selection possible, only with no power cord option	**S26361-F3301-E123**	-

End PRIMERGY TX1310 M1

Change Report

Date	Order number	Changes
2020-05-29	S26361-F3301-E100	removed Made in Germany sticker
2020-05-26	S26361-K1581-V201	Standard PSU for basic configuration EOL
2020-03-18	S26361-F1452-E101	added Region kit China
2020-03-12	S26361-F3776-E111/E113	update ErP Lot9 restriction
2020-03-04	ErP Lot9 restriction	added in new sheet ErP Lot9
2019-12-06	HDDs	updated the description about Hard Disk Sector Format Information
2019-11-08	T26139-Y1751-E10	removed power cord
2019-11-05	S26391-F6048-L464	New USB memory stick accessory device 64GB. No longer 32GB.
2018-10-29	HDDs / S26361-F5639-E800/L800	added
2018-09-18	Basic unit, Processor	Update Graphic card information.
2018-07-11	Basic unit, Processor	Update Graphic card information.
2018-07-06	Basic unit, Processor	Update Graphic card information.
2018-01-15	S26361-F3905-E120	added
2017-11-22	S26361-F4029-E105	Xeon E3-1205v6 added
2017-06-06	HDDs' Note	updated
2017-05-16	S26361-F2542-L328	Filler for removed RDX deleted
2017-04-27	USB Devices	New ext. ODD added
2017-03-28	S26361-F3909-E615	corrected from dual rank to single rank
2017-03-14		Slot # for VGA Adapter and Graficscard corrected
2017-03-10	S26361-F6055-L280	external DP to VGA Adapter added (L-Part only)
2017-02-02		added USB devices
2017-01-18	S26361-F3316-E11	COM1 option added
2017-01-18	S26361-F2391-E220	internal DP to VGA adapter added
2017-01-18	S26361-F3718-E2	DVD ROM added
2017-01-18		TPM section reworded
2017-01-18	S26361-F3516-E1	old CT DT LAN removed (successor S26361-F3852-E1 i210-T1 available)
2017-01-13		updated RDX
2016-12-14	T26139-Y1747-E18/L18	added power cord for Israel
2016-12-14	S26361-F3905/5637/5639/5641-*	added
2016-12-01	S26361-F4029-E103/E104/E107	added
2016-10-24		HDDs updated
2016-10-11		memory modules corrected
2016-10-11		CPUs corrected
2016-10-11		order codes for base units corrected
2016-06-27		First Draft