

# PRIMERGY TX1310 M3

## *System configurator and order-information guide*

March 2021

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### **PRIMERGY Server**

# Instructions

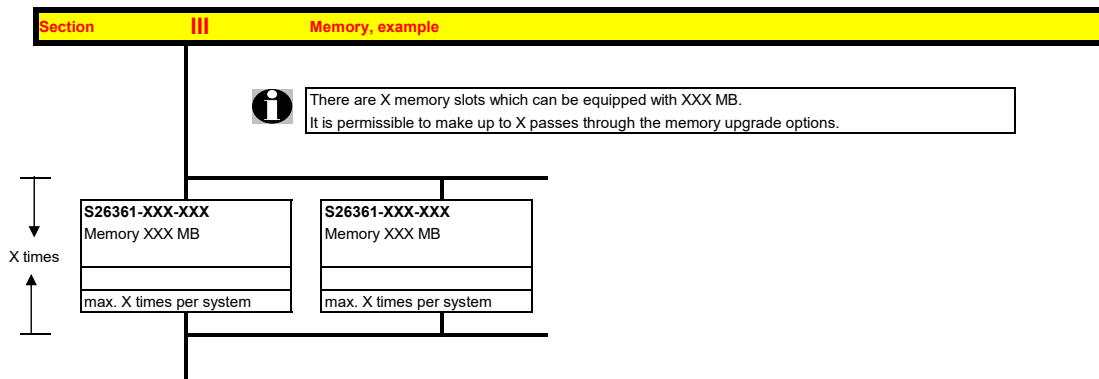
This document contains basic product and configuration information that will enable you to configure your system via PC-/ System-Architect.

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

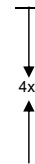
You can configure your individual PRIMERGY server in order to adjust your specific requirements.

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.



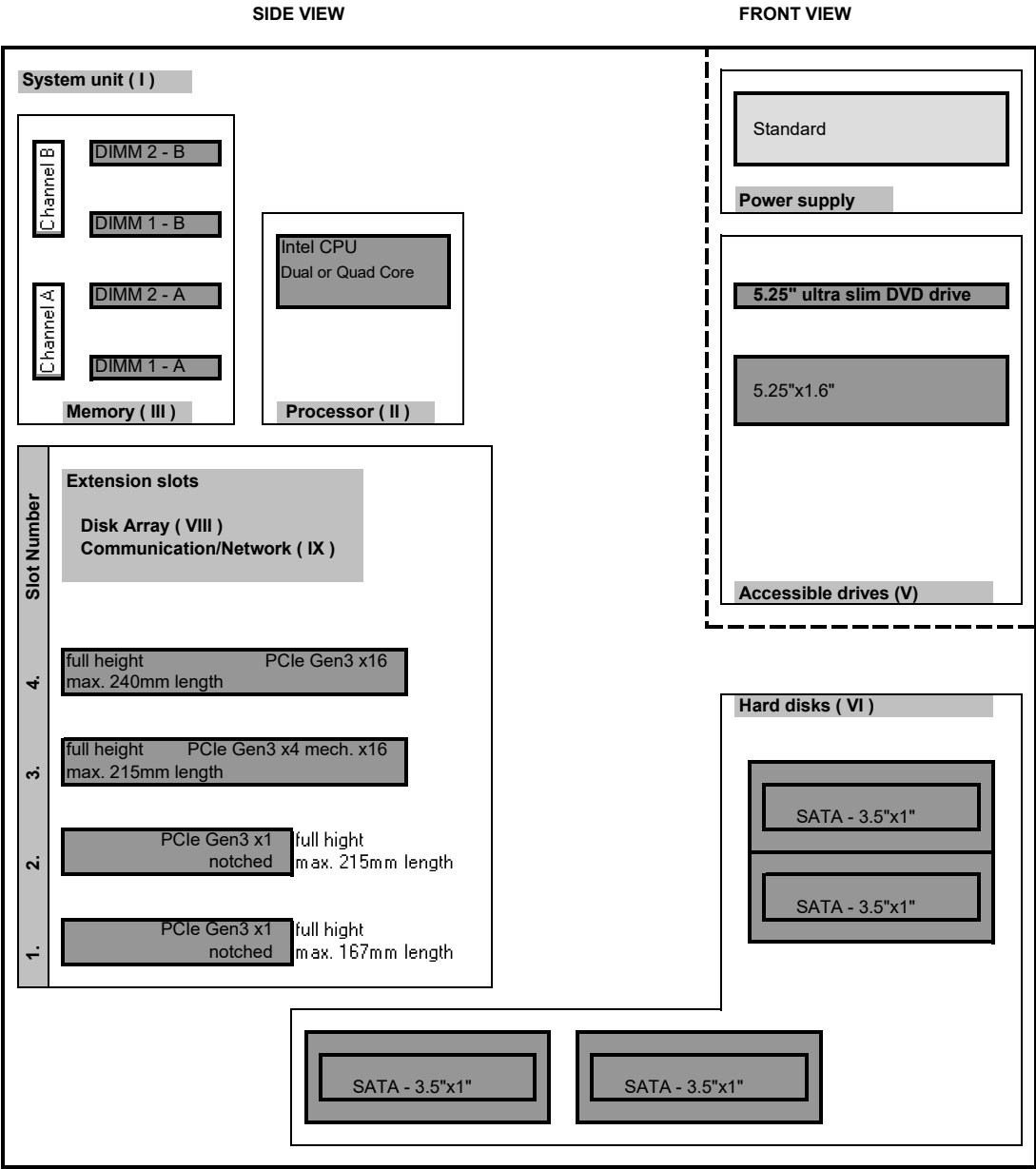
**For further information see:**

[http://ts.fujitsu.com/products/standard\\_servers/index.html](http://ts.fujitsu.com/products/standard_servers/index.html) (internet)

[https://partners.ts.fujitsu.com/com/order-supply/configurators/primergy\\_config/Pages/default.aspx](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:
  - 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

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	
<b>Celeron</b>	
Celeron G3930 2.9GHz 2C/2T 2MB 2133MHz (51W)	S26361-F4029-E103
Celeron G3930E 2.9GHz 2C/2T 2MB 2133MHz (54W)	S26361-F2029-E113
<b>Pentium</b>	
Pentium G4560 3.5GHz 2C/4T 3MB 2400MHz (54W)	S26361-F4029-E104
Pentium G4400 3.3GHz 2C/4T 3MB 2400MHz (54W)	S26361-F2029-E114
<b>Core i3</b>	
Core i3-7100 3.9GHz 2C/4T 3MB 2400MHz (51W)	S26361-F4029-E107
Core i3-7101E 3.9GHz 2C/4T 3MB 2400MHz (54W)	S26361-F2029-E117
<b>Quad-Core XEON CPU's</b>	
- 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

\*Celeron G3930E/Pentium G4400/Core i3-7101E  
 Windows Server 2012/2012R2/Storage Server 2012R2 are NOT supported.  
 for Linux OSes, RHEL8.0 or later, RHEL7.4 or later,  
 SLES 15 or later, and, SLES12SP2 or later are supported.

on special release, as long as stock last  
 \* on special release

as long as stock last

as long as stock last

**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. 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.	

X710-T2L is selected, the maximum total of memory is 2.  
 X710-T2L is selected, the maximum total of memory is 2.  
 X710-T2L is selected, the maximum total of memory is 2.

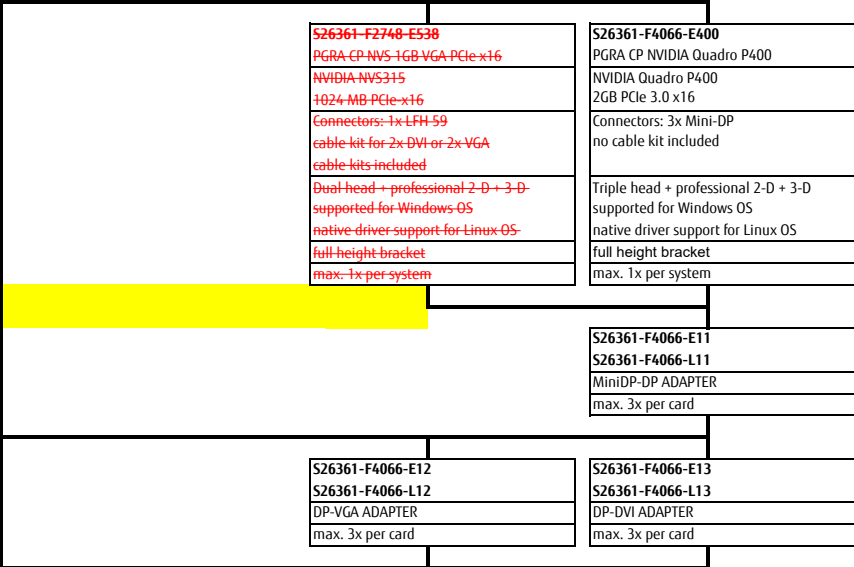
**Section IV Graphics**



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

PGRA must be installed in slot 4

PGRA must be installed in slot 4



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 delivery.  
 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



**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 4TB = S26361-F3857-L900**

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		S26361-F5639-E800	S26361-F5639-L800
8TB	7 200	SATA 6Gb/s	512e	EOL	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

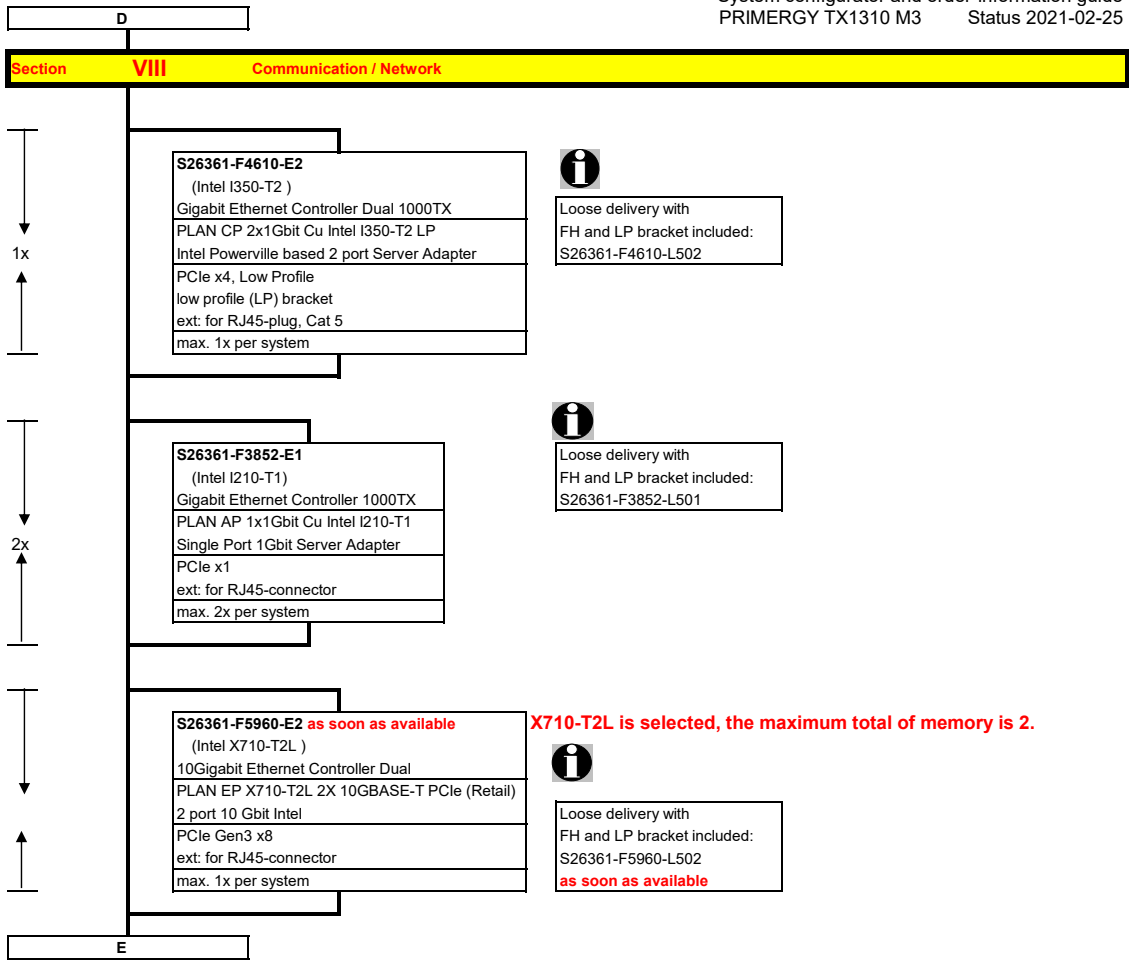
Choose up to 4 order codes above.

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	EOL	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





## 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
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**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

**USB Optical Disc Drive**

External Ultra Slim Portable DVD Writer (Hitachi-LG)	S26341-F103-L142
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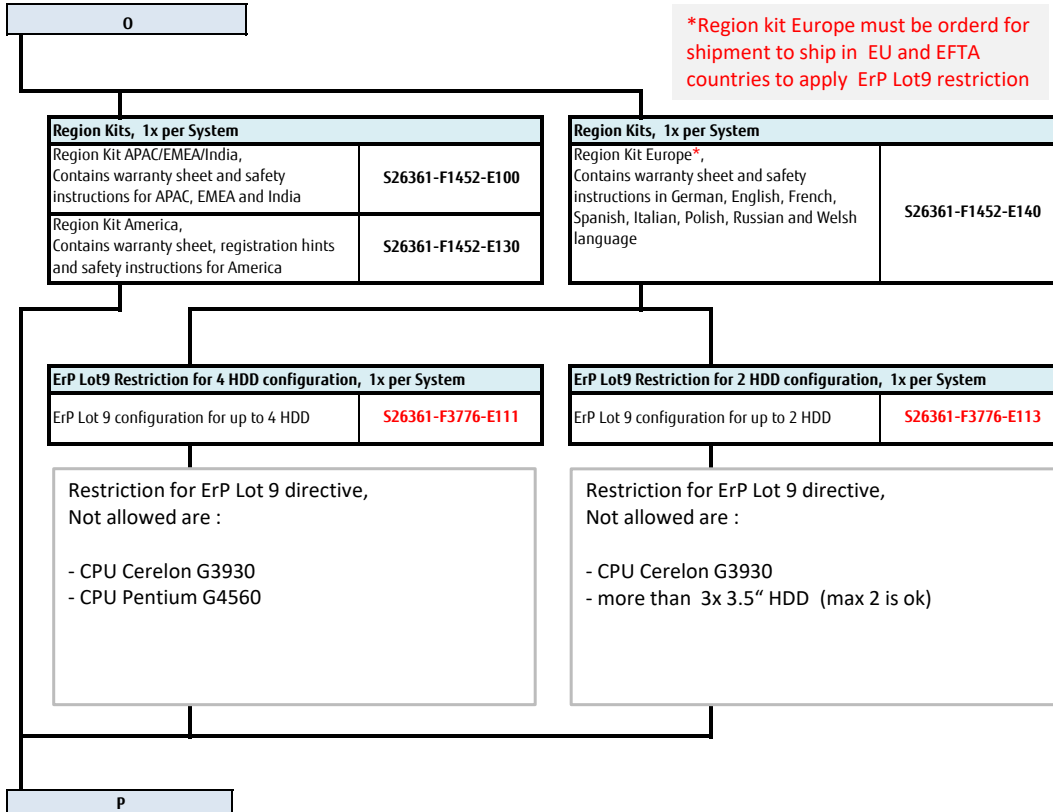


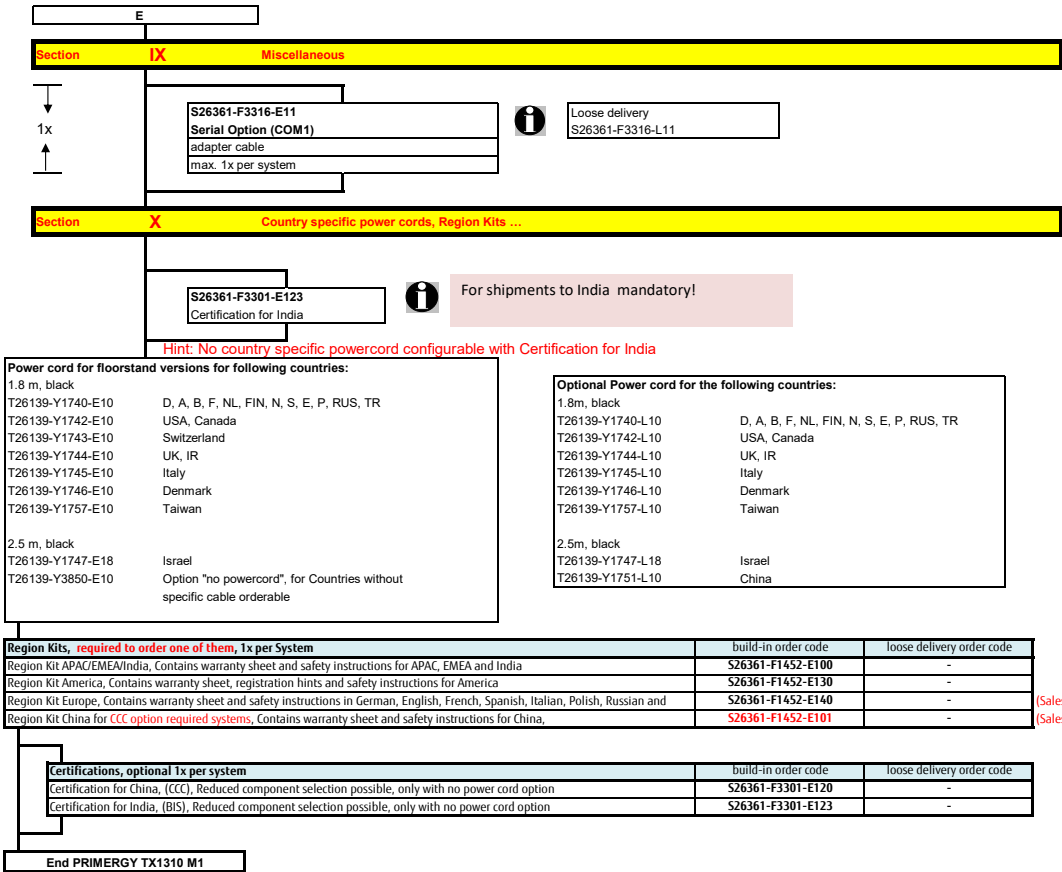
Please find the layout of all Fujitsu keyboards here:  
<http://abg0355a.abg.fsc.net/>

R



## Chapter 14 - ErP Lot 9 restriction





(Sales region for EMEA only)  
 (Sales region for APAC only)

## Change Report

Date	Order number	Changes
2021-10-29	Network	Added restriction to X710-T2L(Retail)
2021-10-14	HDDs	removed "as soon as available" due to releasing
2021-10-14	Network	Added X710-T2L(Retail)
2021-02-25	S26361-F2748-E538/L538	removed S26361-F2748-E538/L538 by EOL, change order condition between S26361-F4066-E11 and S26361-F4066-E400.
2020-10-14	S26361-F2391-E220/L220	removed S26361-F2391-E220/L220 by EOL
2020-09-25	Acc. Drives	added RDX Cartridge 4TB(S26361-F3857-L900), removed RDX Cartridge 3TB(S26361-F3857-L800)
2020-09-16	S26361-F2029-E113/E114/E117	added Celeron G3930E/Pentium G4400/Core i3-7701E
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 Graphicscard 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