

PRIMERGY TX1310 M5  
Mini Tower Server



Chapter	Folder	Content
	Cover	List of content, Instructions for usage of this configurator, abbreviations
	Description	System Description for easier understanding
1	Base	describes base unit of TX1310 M5
2	CPU	Order code and Infos of processors
3	RAM	DDR4 System memory (RAM)
4	GFX	Graphics-, GPGPU-cards, GPU cards
5	RAID	SAS / RAID Controller and components
6	HD_SSD	Storage drives - PCIe SSD - SATA SSD & HDD
7	ODD, Backup	optical disk drives (DVD, DVD-rw, Blu ray), RDX drive
8	LAN	LAN Components
9	USB_devices	Keyboards, Mice, USB devices
10	others	Miscellaneous( Serial port, TPM module), Country specific opt.
11		
12	ErP Lot 9	ErP Lot 9 restriction

# Instructions

This document contains basic product and configuration information that supports you in more complicated configurations.

In any case we recommend to use the WebArchitect to make sure, that you configure a valid system.

This System configurator is divided into several chapters. They are identical to the current price list and WebArchitect.

Please follow this document step by step from the top to the bottom.

## Chapter xx - description of chapter

Text fields with grey color offer extra information for related topics (e.g prerequisites, technical background, configuration rules, limitations, ...)

### Conventional order code

<b>S26361-F4610-E2</b>
<b>S26361-F4610-L3</b>
PLAN 2x1Gb Ethern. Controller
i350-T2 chip (based on Intel Powerville) offers 2x1Gb RJ45 connectors
PCIe Gen2 x4 full height card
max. 6x per system

<- order code E-part (bold) --

<- order code L-part (bold)

<- "name" of this part

<-description of this part, in same cases as well description of content

<-requires a free PCIe slot --> means total amount of PCIe slots reduced

<-indicates how many this part can be configured in the related Server

### New order code

<b>PYBVAP04</b>
<b>PY-VAP04</b>
Front VGA connector (15-pin)
Front VGA connector (15-pin) including cable and front connector
Not for 10x3.5", 32xEDSFF Base unit
max. 1x per system

<- "PYB" order code (bold) for BTO(Built to Order) part

<- "PY-" order code (bold) for Loose delivery part

<- "name" of this part

<-description of this part, in same cases as well description of content

<- Limitation for this part

<-indicates how many this part can be configured in the related Server

### For further information see:

Link to datasheet:

<https://sp.ts.fujitsu.com/dmsp/Publications/public/ds-py-tx1310-m5.pdf>

<https://www.fujitsu.com/fts/products/computing/servers/primergy/index.1>

(internet)

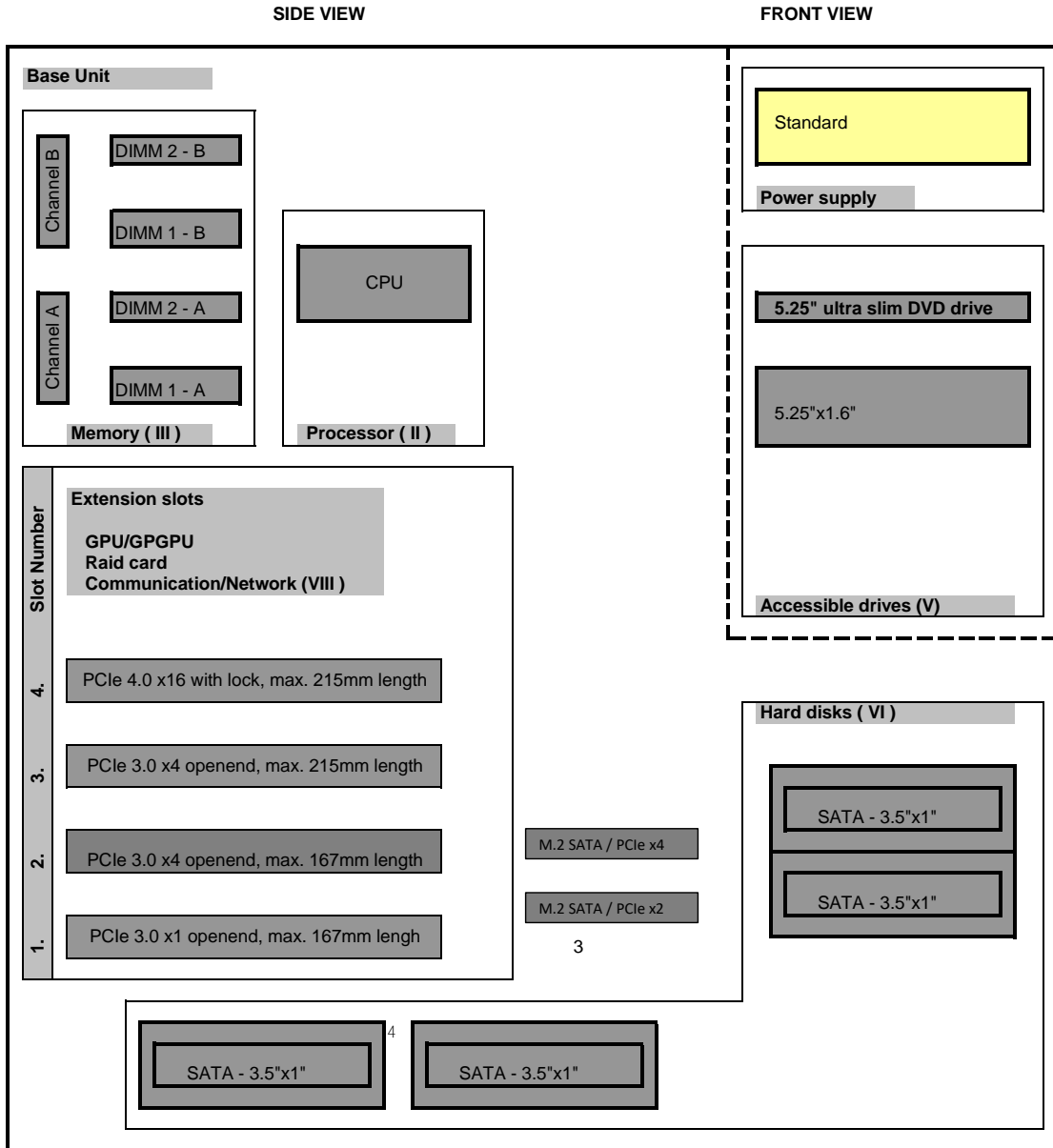
<https://extranet.ts.fujitsu.com/com/tools/configure/server/Pages/default.aspx>

(extranet)

Fujitsu is providing the content of this document with very high accuracy. In case you identify a mistake, we would kindly encourage you to inform us. We kindly ask for understanding, that errors still may occur and that Fujitsu may change this document without notice



### Configuration diagram PRIMERGY TX1310 M5



key:

- Included in basic unit
- Option

recommended components for TX1310 M5	#
embedded Lifecycle Management (eLCM)	1x

Start PRIMERGY TX1310 M5

Chapter 1 Basic unit

below shows w/BMC model

\*This model is only for APAC and Japan market only

- System unit consisting of:**
  - \* Housing including standard power supply (no redundancy)
  - \* Imprint of MAC Address on system label and delivery note as standard

**Platform**  
 Fujitsu Systemboard D3930 based on Chipset Intel® C256  
 > Xeon E2300 series CPUs and Pentium CPU

**Slots:**  
 Slot4 PCIe 4.0 x16, with lock -Support GPGPU/GPU option  
 Slot3 PCIe 3.0 x4 (open end)  
 Slot2 PCIe 3.0 x4 (open end)  
 Slot1 PCIe 3.0 x1 (open end)

**System RAM**  
 Up to DDR4 3200 MHz  
 4 memory slots for max. 128GB DDR4 RAM  
 \* 2 bays 5.25" for accessible drives, 1x ultra slim for DVD, 1x 1.6" height  
 \* 4 LFF (3.5" Large Form Factor) bays 1" high for non hot plug SATA HDD/SSD  
 \* SATA controller with up to 4 HDD's using Intel C256 Chipset  
 \* 2 M.2 slots, 1x SATA/PCIe x4 and 1x SATA/PCIe x2  
 \* Intel Integrated Processor Graphics Support  
 \* 2x Intel i210 Gigabit Ethernet

**Cables included in Base Unit:**  
 1. SATA cable for DVD  
 2. 4 x SATA cable in basic unit  
 ServerView Suite Software incl. ServerView Installation Manager, Management Software and Updates is optional available

**Connectivity**

Interfaces at rear side	Interfaces at front
2x LAN RJ45 (1 Gbit)	1x USB 3.2 Gen2 Type C
1x Display port	1x USB 3.2 Gen1x1 Type A
2x USB 3.2 Gen2x1 Type A	<b>Interfaces internal</b>
4x USB 2.0 Type A	1x internal USB 3.2 Gen1x1 connectors for backup devices
1x RS-232-C (serial, 9 pin) - optional	2x M.2 (80mm and 110mm)/modules: 1x SATA/NVMe(PCIe x4) and 1 x SATA/NVMe(PCIe x2)
	6x SATA 6G

- System unit consisting of:**
  - \* Housing including standard power supply (no redundancy)
  - \* Imprint of MAC Address on system label and delivery note as standard

**Platform**  
 Fujitsu Systemboard D3930 based on Chipset Intel® C256  
 > Xeon E2300 series CPUs and Pentium CPU

**Slots:**  
 Slot 4 PCIe 4.0 x8 or x16 (with lock) - supports modular RAID and GPGPU/GPU option  
 Slot 3 PCIe 4.0 x8 or x0 (openend) - supports Raid card and Graphics Card option  
 Slot 2 PCIe 3.0 x4 (openend)  
 Slot 1 PCIe 3.0 x4 (openend)  
 \*Slot 4 and Slot 3 can be switched 2x PCIe 4.0 x8 or 1x PCIe 4.0 x16

**System RAM**  
 Up to DDR4 3200 MHz  
 4 memory slots for max. 128GB DDR4 RAM  
 \* 2 bays 5.25" for accessible drives, 1x ultra slim for DVD, 1x 1.6" height  
 \* 4 LFF (3.5" Large Form Factor) bays 1" high for non hot plug SATA HDD/SSD  
 \* SATA controller with up to 4 HDD's using Intel C256 Chipset  
 \* 2 M.2 slots, 1x SATA/PCIe x4 and 1x SATA/PCIe x2  
 \* Intel Integrated Processor Graphics Support  
 \* 2x Intel i210 Gigabit Ethernet

**Cables included in Base Unit:**  
 1. SATA cable for DVD  
 2. 4 x SATA cable in basic unit  
 ServerView Suite Software incl. ServerView Installation Manager, Management Software and Updates is optional available

**Connectivity**

Interfaces at rear side	Interfaces at front
2x LAN RJ45 (1 Gbit)	1x USB 3.2 Gen2 Type C
1x service LAN RJ45 (1 Gbit)	1x USB 3.2 Gen1x1 Type A
1x Display port	<b>Interfaces internal</b>
1x VGA (16 pins)	2x internal USB 3.2 Gen1x1 connectors for backup devices
2x USB 3.2 Gen2x1 Type A	2x M.2 (80mm and 110mm)/modules: 1x SATA/NVMe(PCIe x4) and 1 x SATA/NVMe(PCIe x2)
4x USB 2.0 Type A	6x SATA 6G
1x RS-232-C (serial, 9 pin) - optional	

ECOL in EMEA market due to Eip LvdF regulation

Only in EMEA market

**PYT1315T3S**  
 SATA basic unit Tower  
 no IRMC implemented on MB without CPU and Memory  
 - one CPU / 1 to 4 Memory module(s)  
 has to be selected via CPU / Memory order codes  
 Standard PSU 250W Gold for full configuration

**PYT1315T3S**  
 SATA basic unit Tower  
 no IRMC implemented on MB without CPU and Memory  
 - one CPU / 1 to 4 Memory module(s)  
 has to be selected via CPU / Memory order codes  
 Standard PSU 450W platinum for full configuration

\*This model is only for APAC and Japan market only

**PYT1315TAS**  
 SATA basic unit Tower  
 IRMC implemented on MB 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

A

## Chapter 2 - CPU

A

One of following CPU's has to be selected for an orderable basic unit

<b>Pentium (Rocket Lake)</b>		order code (BTO)	order code (Loose delivery)
64-bit Intel Pentium processor supporting DDR4 @ 2666MHz			
Pentium Gold G6405	2C/4T 4.1GHz 4MB 2666MHz 58W	PYBCP63C1	-
<b>Xeon E-23xx (Rocket Lake-E)</b>		order code (BTO)	order code (Loose delivery)
64-bit Intel Xeon processor supporting DDR4 @ 3200MHz			
Xeon E-2324G	4C/4T 3.1GHz 8MB 3200MHz Turbo 65W	PYBCP63E5	-
Xeon E-2374G	4C/8T 3.7GHz 8MB 3200MHz Turbo 80W	PYBCP63E7	-
Xeon E-2356G	6C/12T 3.2GHz 12MB 3200MHz Turbo 80W	PYBCP63E6	-

B

## Chapter 3 - DDR4 System memory

**B**

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. 128GB unbuffered DDR4 RAM for UDIMMs with 32GB moduls

**Note\*\*:** Memory is not included in the base unit and has to be configured separately. min 1x.

Memory module is not included in the base unit and has to be configured min 1x memory modules.  
All memory module installing in one system must be identical. Any mix of different memory modules with different order code is not supported.  
PYBME08UG2 will be EOL on January 5th 2024  
New order code for 8GB are added, but mixed configuration between PYBME08UG2, PY-ME08UG2 and PYBME08UG4, PY-ME08UG4 are not supported  
New order code of PYBME08UG4, PY-ME08UG4 will be available at end of December

8GB DDR4 Unbuffered DIMM 3200MHz 1R x8		order code (BTO)	order code (loose delivery)
8GB (1x8GB) 1Rx8 DDR4-3200 U ECC	single rank	PYBME08UG2 <b>EOL</b>	PY-ME08UG2
<b>8GB DDR4 Unbuffered DIMM 3200MHz 1R x8</b>		<b>order code (BTO)</b>	<b>order code (loose delivery)</b>
8GB (1x8GB) 1Rx8 DDR4-3200 U ECC	single rank	PYBME08UG4	PY-ME08UG4
<b>16GB DDR4 Unbuffered DIMM 3200MHz 1R x8</b>		<b>order code (BTO)</b>	<b>order code (loose delivery)</b>
16GB (1x16GB) 1Rx8 DDR4-3200 U ECC	single rank	PYBME16UG3	PY-ME16UG3
<b>32GB DDR4 Unbuffered DIMM 3200MHz 2R x8</b>		<b>order code (BTO)</b>	<b>order code (loose delivery)</b>
32GB (1x32GB) 2Rx8 DDR4-3200 U ECC	dual rank	PYBME32UG2	PY-ME32UG2
min 1x / max 4x for System			

**C**

C

**Chapter 4 Graphics / GPGPU**

**i** Intel CPU internal Graphics Controller (pGFX) with 64MB RAM  
 For Display Port of internal Graphics Controller

S26361-F4066-E12	S26361-F4066-E13
S26361-F4066-L12	S26361-F4066-L13
DP-VGA ADAPTER	DP-DVI ADAPTER
max. 1x per system	max. 1x per system

PGRA must be installed in slot 4

<b>PYBVG4T1</b> (available in June, 2022) <b>PY-VG4T1</b> (available in June, 2022)	<b>PYBVG4T2</b> (available in August, 2022) <b>PY-VG4T2</b> (available in August, 2022)
NVIDIA T400	NVIDIA T400
NVIDIA T400 2GB GDDR6	NVIDIA T400 4GB GDDR6
PCIe 3.0 x16	PCIe 3.0 x16
Connectors: 3x Mini-DP no cable kit included	Connectors: 3x Mini-DP no cable kit included
full height bracket	full height bracket
max. 1x per system	max. 1x per system



S26361-F4066-E11
S26361-F4066-L11
MiniDP-DP ADAPTER
max. 3x per card

S26361-F4066-E12	S26361-F4066-E13
S26361-F4066-L12	S26361-F4066-L13
DP-VGA ADAPTER	DP-DVI ADAPTER
max. 3x per card	max. 3x per card

The high end optional NVIDIA Quadro T400 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.

D



D

**Chapter 5 RAID-Controller**

onboard SATA controller with SW-RAID max number of drives depends on base units

For Support OS, please check "PRIMERGY Release Matrix" at <https://support.ts.fujitsu.com/>

onboard controller for SATA HDD or SSD drives					
6 ports 3, 6Gb/s SATA HDD/SSD	based on Intel chipset	No Cache	SW-RAID 0, 1, 10	1x	onboard, included

internal HBA and RAID controller, no 2nd Level cache

Internal RAID / HBA controllers for SAS, SATA HDD or SSD drives -Cancelled-					
<b>PRAID CP600i FH</b>	No Cache	RAID 0, 1, 10		1x	PYBSR4FA PY-SR4FA
8 ports 3, 6 & 12Gb/s SAS/SATA HDD/SSD, supports up to 8 drives without expander requires 1x FH PCIe 4.0 x8 (int.) slot, based on LSI SAS3808					
Internal RAID / HBA controllers for SAS, SATA HDD or SSD drives					
<b>PRAID CP500i RAID Contr.</b>	No Cache	RAID 0, 1, 10, 5, 50		1x	PYBSR3FB PY-SR3FB
8 ports 3, 6 & 12Gb/s SAS/SATA HDD/SSD, supports up to 8 devices without expander requires 1x FH PCIe 3.0 x8 (int.) slot, based on LSI SAS3408					

Internal RAID / HBA controllers for SAS, SATA HDD or SSD drives					
<b>PSAS CP 2100-8i FH</b>	No Cache	HBA + RAID 0, 1, 10, 5		1x	PYBSC3MA2 PY-SC3MA2
8 ports 3, 6 & 12Gb/s SAS/SATA HDD/SSD, supports up to 8 drives without expander requires 1x FH PCIe 3.0 x8 (int.) slot					

<b>PY-CBT008</b>
<b>SATA conversion cable</b>
Mini SAS HD connector(Raid card)-4x SATA(Female)
1 x per Raid card

PY-CBT008 is only for w/o BMC model

**Chapter 6 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.  
Up to 2 M.2 SATA SSD 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**

3.5" SSD for NON hot plug bays (internal)						
Capacity	Formfactor	Interface	Endurance	DWPD	order code E-part	order code L-part
240GB	3.5" (LFF)	SATA 6Gb/s	Read Intensive	1.5	PYBTS24NMA	PY-TS24NMA
480GB	3.5" (LFF)	SATA 6Gb/s	Read Intensive	1.5	PYBTS48NMA	PY-TS48NMA
max. 4x - depending on base unit & configuration						
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		PYBBH1T2B4	PY-BH1T2B4
2TB	7 200	SATA 6Gb/s	512n		PYBBH2T2B4	PY-BH2T2B4
4TB	7 200	SATA 6Gb/s	512n		PYBBH4T2B4	PY-BH4T2B4
max. 4x - depending on base unit & configuration						
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		PYBBH6T2E4	PY-BH6T2E4
8TB	7 200	SATA 6Gb/s	512e		S26361-F5639-E800	S26361-F5639-L800
12TB	7 200	SATA 6Gb/s	512e		PYBBHCT2E4	PY-BHCT2E4
max. 4x - depending on base unit & configuration						
<b>EOL, as long as stock available</b>						
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
1TB	7 200	SATA 6Gb/s	512e		S26361-F3952-E100	S26361-F3952-L100
max. 4x - depending on base unit & configuration						
HDD SATA 3.5" 5.4K (LFF) ECO with NON hot plug/hot replace tray						
Capacity	RPM	Interface	Sector		order code E-part	order code L-part
1TB	5 400	SATA 6Gb/s	512e		PYBPH1T4E	PY-PH1T4E
2TB	5 400	SATA 6Gb/s	512e		PYBPH2T4E	PY-PH2T4E
max. 4x - depending on base unit & configuration						

**M.2 SATA SSD**

SSD SATA M.2 drive for booting, non hot-plug						
Capacity	Formfactor	Interface	DWPD	Category	order code E-part	order code L-part
240GB	M.2	SATA 6Gb/s	1.5	Boot	S26361-F5787-E240	S26361-F5787-L240
480GB	M.2	SATA 6Gb/s	1.5	Boot	S26361-F5787-E480	S26361-F5787-L480
960GB	M.2 2280	SATA 6Gb/s	1.5	Boot	PYBMF96YN	PY-MF96YN
M.2 drive is designed for use as a boot drive with the Endurance Spec. above.						
2x M.2 drive for any Hypervisor by the onboard chipset Software RAID is not supported.						
max. 2x per Server; connector located on Motherboard (please see folder "description"). VMware is not supported.						

E

E

**Chapter 7 Accessible drives**

**i** There are 2 drive bays (2x 5,25") for accessible drives.  
One is ultra slim and one 1.6" high

<b>S26361-F3778-E1</b> <b>S26361-F3778-L1</b> DVD-RW supermulti ultra slim all formats, DUAL/DL, DVD-RAM only W2K, W3K and Linux 9.5mm, black bezel max. 1x per system	<b>S26361-F3641-E6</b> <b>S26361-F3641-L6</b> 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	<b>S26361-F3718-E2</b> <b>S26361-F3718-L2</b> DVD-ROM ultra slim  16x DVD; 48x CD-ROM 9.5mm, black bezel max. 1x per system
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<b>S26361-F3750-E4</b> <b>S26361-F3750-L4</b> 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
--


**i** 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

F


F

**Chapter 8 Communication / Network**


<b>S26361-F4610-E2</b>
(Intel I350-T2 )
Gigabit Ethernet Controller Dual 1000TX
PLAN CP 2x1Gbit Cu Intel I350-T2
Intel Powerville based 2 port Server Adapter
PCIe x4
ext: for RJ45-plug, Cat 5
max. 1x per system

 Loose delivery with  
FH and LP bracket included:  
S26361-F4610-L502

<b>S26361-F3852-E1</b>
(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

<b>PYBLA284</b>
(Broadcom BCM5719-4P )
Gigabit Ethernet Controller Dual 1000TX
PLAN CP BCM5719-4P 4X 1000BASE-T PCIe
Broadcom 1Gtx4port
PCIe 2.0 x4
ext: for RJ45-connector
max. 1x per system

 Loose delivery with  
FH and LP bracket included:  
PY-LA284

G

## Chapter 9 - Accessories

**G**

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

**USB Mouse:**

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

APAC only  
 APAC only  
 EOL in December 2023  
 EOL in December 2023



**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-L102
	Czech/Slovak	S26381-K521-L104
	US 104 keys (US keyboard + US layout)	S26381-K521-L110
	Germany	S26381-K521-L120
	Germany / Int	S26381-K521-L122
	France	S26381-K521-L140
	Sweden / Finland	S26381-K521-L154
	United Kingdom	S26381-K521-L165
	Switzerland	S26381-K521-L170
	Spain	S26381-K521-L180
	Italy	S26381-K521-L185

APAC only  
 EOL in December 2023  
 EOL in December 2023  
 EOL in December 2023  
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 APAC only  
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 APAC only  
 EOL in December 2023

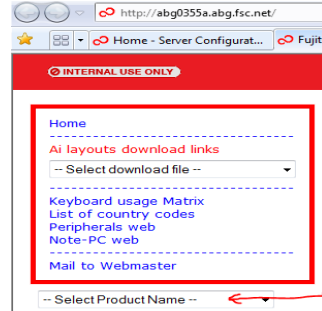
**USB Optical Disc Drive**

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/>

**H**



"Desktop"

**Chapter 10 Miscellaneous**

**PVCOM9**  
PV-COM9  
Serial port (RS232)  
Mounted on rear wall  
max. 1x per system

**S2631-F376-E340**  
Cool safe W Advanced Thermal design side right side  
Enables the PRIMERGY Server to cope with temperatures from 5-40° in operating mode due to extended Fan settings  
Fan settings can be activated as factory only  
max. 1x per system

**S2631-F376-E345**  
Cool safe W Advanced Thermal design side right side  
Enables the PRIMERGY Server to cope with temperatures from 5-45° in operating mode due to extended Fan settings  
Fan settings can be activated as factory only  
max. 1x per system

**General rules for ATD40 and ATD45:**  
ATD40: There is no restriction.  
ATD45: There is restriction about HDD in HDD stack, up to 4 TB HDD can be supported. No support for 6TB/12 TB HDD.

**S2631-F3552-E100 (EOL)**  
S2631-F3552-E100  
TPM 2.0 module  
Microsoft Windows Server 2022 not supported  
max. 1x per system

**PV8TPM16**  
PV-TPM16  
TPM 2.0 module  
Microsoft Windows Server 2022 not supported  
max. 1x per system

**PV8TPM**  
PV-TPM  
No TPM or WINSVR  
Error PV8TPM16 or PV8TPM is required with Windows Server 2022  
max. 1x per system

When using Windows Server 2022 as host OS, PV8TPM16 / PV-TPM16 are required.  
In case Windows Server 2022 is guest OS, the TPM is not necessary.

S2631-F3552-E100/100 are EOL at end-Sep-2022.  
PV8TPM16/PV-TPM16 are currently available.

Support OS may vary by system.

below shows additional option for w/BMC.

**PV8BMC4**  
PV-8BMC4  
BMC advanced pack  
Integrated remote Management controller activation key for graphical console redirection and remote media redirection  
max. 1x per system

Executing system updates, controlling the hardware setup or running diagnostic tests on components are frequent tasks of IT administrators to ensure a continuous 24x7 server operation. ServerView embedded Lifecycle Management (eLCM) for Fujitsu PRIMERGY servers greatly supports such routine tasks by consolidating and enhancing management functions directly available ('embedded') within the server.

**PV8LCM4**  
embedded Lifecycle Management (eLCM)  
Server Drive Update  
OS driver Update  
Hardware Firmware update  
Server Critical Update  
Hardware update via Update Manager Express  
PrimeCollect  
Automatic creation of PrimeCollect archives  
Creation and use of PrimeCollect archives over AIS connect  
Custom Image (Jboxbox function)  
Automatic and manual download of CD and DVD Images  
max. 1x per system

Local delivery  
eLCM Activation Pack  
(Rode Locked License)  
PV-8LCM4  
options contains:  
Paper with TAA for Licensekey

**Prd. Microsoft option** will be available in Q4'24

Option	Model	Part Number	License
SDUC	SDUC	PV8MSDUC1	PV-SDUC1
SDAC	SDAC	PV8MSDAC1	PV-SDAC1

Use the new system, ordered at the same time as the server.

**Chapter 11 Country specific power cords, Region Kits**

**Power cord option for Tower Server, 1x per PSU**

Cable powercord (D, A, B, C, NL, FN, N, S, E, P, RUS, TR), 1.8m, gray	Y2613B-Y1743-E10	Y2613B-Y1743-L10
Cable powercord (China), 1.8m, gray	Y2613B-Y1743-E10	-
Cable powercord (China), 1.8m, black	-	Y2613B-Y1751-L10
Cable powercord (UK, RI), 1.8m, gray	Y2613B-Y1744-E10	Y2613B-Y1744-L10
Cable powercord (UK, RI), 1.8m, black	Y2613B-Y1745-E10	Y2613B-Y1745-L10
Cable powercord (DK), 1.8m, gray	Y2613B-Y1746-E10	Y2613B-Y1746-L10
Cable powercord (USA), 2.0m, black	Y2613B-Y1751-E10	Y2613B-Y1751-L10
Cable powercord (Thailand), 1.8m, rack or wall	Y2613B-Y1753-E10	Y2613B-Y1753-L10
Cable powercord (Taiwan), 1.8m, rack or wall	Y2613B-Y1757-E10	Y2613B-Y1757-L10
Cable powercord (USA), 1.5m, black, NEMA 5-15 connector 4962 - C13 (3pk), 15A, , rack or wall	Y2613B-Y1741-E00	Y2613B-Y1741-L00
no power cord	Y2613B-Y3850-E10	-

**Region Kits, required to order one of them, 1x per System**

Region Kit APAC/EMEA, Contains warranty sheet and safety instructions for APAC, EMEA.	S2631-F1452-E100	-
Region Kit America, Contains warranty sheet, registration form, and safety instructions for America.	S2631-F1452-E130	-
Region Kit Europe, Contains warranty sheet and safety instructions in German, English, French, Spanish, Italian, Polish, Russian and Welsh language.	S2631-F1452-E140	-
Region Kit China for CCC option required systems, Contains warranty sheet and safety instructions for China, must be ordered along with the power cord China-specific.	S2631-F1452-E101	-

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

**Certifications, optional 1x per system**

Certification for China (CCC), Reduced component selection possible, only with no power cord option	S2631-F3301-E120	-
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**Chapter 12 - ErP Lot 9 restriction**

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\*Region kit Europe must be order for shipment to ship in EU and EFTA countries to apply ErP Lot9 restriction

Region Kits, 1x per System	
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 China for CCC option required Contains warranty sheet and safety instructions for China	S26361-F1452-E101

Region Kits, 1x per System	
Region Kit Europe*, Contains warranty sheet and safety instructions in German, English, French, Spanish, Italian, Polish, Russian and Welsh language	S26361-F1452-E140

ErP Lot9 Restriction, 1x per System	
ErP Lot9 conf. for 2xHDD without SSD	PYBETL5

ErP Lot9 Restriction, 1x per System	
ErP Lot9 conf. for 3xHDD without SSD	PYBETL6

ErP Lot9 Restriction, 1x per System	
ErP Lot9 conf. for SSD	PYBETL7

Restriction for ErP Lot 9 directive,  
**Limitation**  
- Max 1 PCI cards  
- Require 2x 3.5" HDD

Restriction for ErP Lot 9 directive,  
**Limitation**  
- Require more than 3x 3.5" HDD

Restriction for ErP Lot 9 directive,  
**Limitation**  
- Require SSDs  
- Require more than 2x3.5" HDD/SSDs

End PRIMERGY TX1310 M5

## Chapter 13 - Energy Star restrictions

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*Applicable only for PYT1315TBS	
<b>S26361-F3301-E241</b>	<b>will be expired after 2024-1-11</b>
E-Star Fam1 Certification	
RX/TX13x0 Mx E-Star Fam1	
Limits configuration in accordance with Energy Star requirements	
max. 1x per system	

*Applicable only for PYT1315TBS	
<b>PYBES21</b>	<b>will be effective after 2024-1-12</b>
E-Star Fam1 Certification	
RX/TX13x0 Mx E-Star Fam1	
Limits configuration in accordance for ENERGY STAR V4.0	
max. 1x per system	

limitations for E-Star Fam1 certification.

please make sure to follow the guidelines below in order meet ENERGY STAR Fam1 requirements:

**<ENERGY STAR V3.0 / S26361-F3301-E241>**

do not use more than one PCIe cards (RAID, LAN, ...) (one is ok)

**<ENERGY STAR V4.0 / PYBES21>**

use one of the following CPUs : Xeon E-2356G/E-2374G  
use total 16GB or more DIMMs  
use less than five SATA SSDs(Max. 4x: including M.2 SSD) / do not use any HDDs  
do not use any PCIe cards (RAID, LAN, ...)

ENERGY STAR-configurationen will be labeld: **PRIMERGY TX1310 M5 E-Star Fam1**  
non ENERGY STAR-configurationen will be labeld: **PRIMERGY TX1310 M5**

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## Change Report

Configurator			
Date of change revision	Folder / order code / description	What has been changed / comment	Name
2021-11-19		1st release	
2021-11-22	others	added Notes for TPM2.0	
2021-12-13	others	removed PYBTM12/PY-TPM12	
2021-12-23	others	updated Notes for TPM2.0	
2021-12-23	RAM	removed PYBME08UG3/PY-ME08UG3/PYBME16UG4/PY-ME16UG4	
2022-01-05	ODD, backup	added RDX schedule	
2022-01-13	others	changed TPM14 to TPM16	
2022-01-14	others	deleted the note for PYBCOM09/PY-COM09	
2022-02-03	RAID, HDD_SSD	removed PSAS CP 2100-8i	
2022-03-15	GFX	add T400 4GB & A2	
2022-03-16	ODD, backup	released RDX Drive	
2022-03-16	others	updated Notes for TPM2.0	
2022-03-23	Base	add base unit for 450W PSU	
2022-04-01	RAID, HDD_SSD	updated about BSMI for PSAS CP 2100-8i	
2022-04-14	GFX	arrange the layout.	
2022-04-20	Base, RAID, HDD_SSD, others	arrange the layout.	
2022-05-02	RAID, HDD_SSD	added OS support matrix for SW-RAID	
2022-05-19	RAID, HDD_SSD	added PRAID CP600i	
2022-05-30	RAID, HDD_SSD	updated OS support matrix for SW-RAID, removed BSMI limitation from PSAS CP 2100-8i	
2022-06-01	GFX	Remove the MiniDP-DP ADAPTER condition	
2022-06-16	1.19 change_history	Introduce this history table with a new style	
2022-07-12	1.20 LAN	Added Broadcom LAN. PYBLA284, PY-LA284.	
2022-07-25	1.21 Base, RAID, others	products for APAC and Japan market only were displayed	H.Okabe
2022-08-22	1.22 others	updated Notes for TPM2.0	
2022-08-25	1.23 RAID, HDD_SSD	removed the description "as soon as available" for HDD BC-SATA drives according to T50 report	
2022-09-15	1.24 RAID, HDD_SSD	added Cable Kit for CP6xxi: PY-CBS095	
2022-09-16	1.25 RAID, HDD_SSD	updated release info of PSAS CP 2100-8i for w/o BMC model added SLES15 SP4 to OS support matrix for SW-RAID	
2022-10-21	1.26 RAID, HDD_SSD	added the HDD ECO-SATA 5.4K "PY*PH1T4E/PY*PH2T4E" added the SM.2 SSD SATA 960GB "PY*MF96YN"	
2022-11-24	1.27 Base	removed "will be available in Nov. 2022" from PYT1315TBS added remark to PYT1315T3S	H.Okabe
2022-12-19	1.28 Energy Star restrictions	added Chapter 13 - Energy Star restrictions	H.Okabe
2023-02-03	1.29 RAID, HDD_SSD	added RHEL 9 GA and 8.7 to OS support matrix for SW-RAID	
2023-02-21	1.30 LAN	update available information	F.Kanega
2023-04-18	1.31 RAID, HDD_SSD	updated availability schedules	
2023-05-09	1.32 RAID, HDD_SSD	updated availability schedules for ECO-SATA and M.2 SATA 960GB	Y. Sugiyama
2023-05-15	1.33 RAID, HDD_SSD	added RHEL 9.1 to OS support matrix for SW-RAID	
2023-06-15	1.34 RAID, HDD_SSD	updated availability schedules	
2023-06-15	1.34 RAID, HDD_SSD	cancelled PRAID CP600i	
2023-08-08	1.35 RAID, HDD_SSD	added RHEL 8.8, 9.2 and SLES15 SP5 to OS support matrix for SW-RAID	
2023-10-03	1.36 RAM, others	Add new order code for 8GB UDIMM, and current BTO order code will be EOL Add new TPM	H. Konno
2023-11-06	1.37 RAID, HDD_SSD	updated Note for onboard SATA SW-RAID	
2023-11-09	1.38 Energy Star restrictions	added E-Star Fam1 Certification for ENERGY STAR V4.0	H.Okabe
2023-11-20	1.39 Energy Star restrictions	added the guidelines for ENERGY STAR V4.0	H.Okabe
2023-12-01	1.40 Description	added embedded Lifecycle Management (eLCM) to recommended components	H.Okabe
2023-12-19	1.41 RAM	update PYBME08UG2 which is EOLed	Konno, H
2023-12-20	1.42 RAM	update PYBME08UG2 EOL date	Konno, H
2023-12-21	1.43 USB devices	update Mouse and keyboard status	Konno, H
2023-12-22	1.44 RAM	change PYBME08UG2 EOL date	Konno, H
2024-02-16	1.45 others	added the iRMC MicroSD card option for eLCM	Y. Sugiyama
2024-03-04	1.46 others	remove PY-TPM19 and PYBTPM19 add PYBNTPM and information	KonnoH
2024-03-25	1.47 others	revised the description about iRMC MicroSD card option for eLCM	Y. Sugiyama