

PRIMERGY TX1330 M2  
Tower or 4U Rack 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 TX1330 M2
2		describes rack mount kits and services
3	CPU	Order code and Infos of processors
4	RAM	DDR4 System memory (RAM)
5	GFX	Graphics-, Grid-cards, GPU and Xeon Co processors
6	HD_cage	HDD cage kits
7	RAID	SAS / RAID Controller and components
8	ODD	optical disk drives (DVD, DVD-rw, Blu ray)
9	Backup	LTO drives & RDX drive
10	HD_SSD	Storage drives - PCIe SSD - SAS/SATA SSD & HDD
11	LAN_FC_IB	LAN Components
12		Fibre Channel Controller (n.a. for TX1330 M2)
13		Infiniband Controller (n.a. for TX1330 M2)
14	PSU	Power supply units, power cables, country specific opt.
15	USB_devices	Keyboards, Mice, USB devices
16	others	System Management, ATD, RS232 port, TPM module

# Instructions

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

In any case we recommend to use the PC-/SystemArchitect 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 PC-/SystemArchitect.

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 back ground, configuration rules, limitations, ...)

<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 often this part can be configured in the related Server

### For further information see:

Link to datasheet:

[http:// xxx](http://xxx)

[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)

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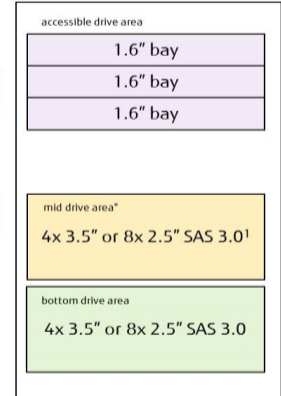
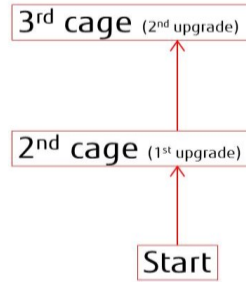
Fujitsu is providing the content of this document with very high accuracy. In case you identify a mistake, we would kindly encourage you to inform us. We kindly ask for understanding, that errors still may occur and that Fujitsu may change this document without notice



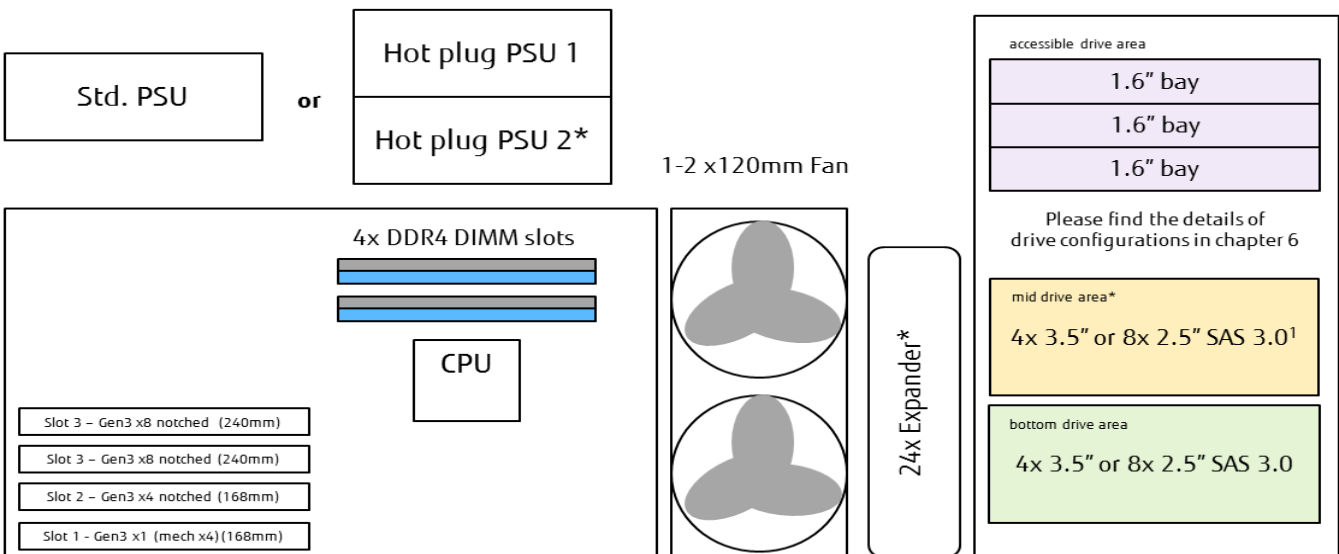
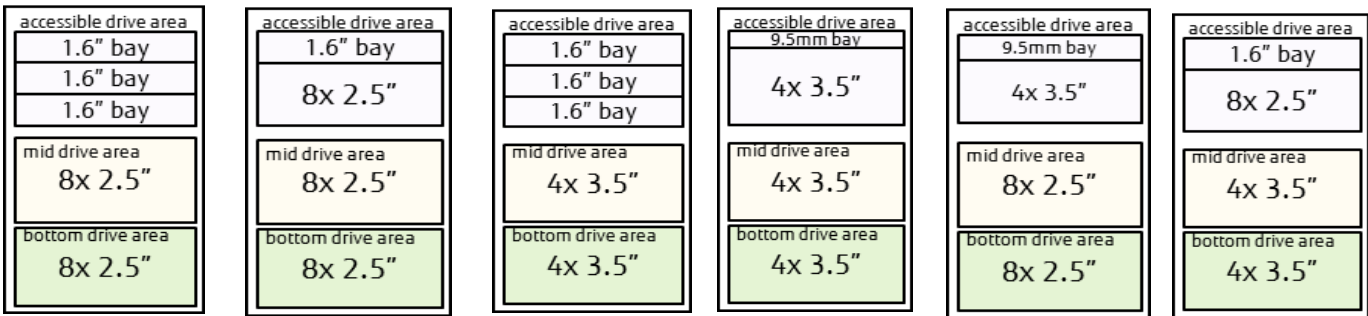
The PRIMERGY TX1330 M2 Server offers 3 drive mounting areas:

**Start**

- accessible drive area (purple color code) with
  - 3x 1.6" bay for optical drives or LTO/RDX drives (standard)
  - or optional 3<sup>rd</sup> cage for up to 4x 3.5" SAS 3.0 LFF HDD (then only a 9.5mm ODD can be configured)
  - or optional 3<sup>rd</sup> cage for up to 8x 2.5" SAS 3.0 SFF HDD or SSD (then 1x 1.6" ODD / backup drive / LSD 0.5" ODD combination can be configured)
- mid drive area (yellow color code) - optional with
  - space for 2<sup>nd</sup> cage with up to 4x 3.5" SAS 3.0 LFF HDD
  - or space for 2<sup>nd</sup> cage with up to 8x 2.5" SAS 3.0 SFF HDD or SSD
- bottom drive area (green color code) - mandatory with
  - space for up to 4x 3.5" SAS 3.0 LFF HDD
  - or space for up to 8x 2.5" SAS 3.0 SFF HDD or SSD



Please find all details, possible and released configurations in the chapter 6 - "HD\_cage"



\* = option  
 ¹ = in the bottom and mid drive area either 2.5" or 3.5" are allowed

**Chapter 1 - base unit**

**Start**

**Power supply units & cooling**

For the PRIMERGY TX 1330 M2 you can choose between a standard power supply unit (PSU) with 300W or an hot plug PSU with 450W (opt. redundant). In case you choose the hot plug PSU you will get redundant Fans as well.

**Server Management**

iRMC S4 (integrated Remote Management Controller) on-board with dedicated (or shared) 10/100/1000 Service LAN-port and integrated graphics controller. With the integrated onboard indicators and controls You can highlight easily failed components via LEDs. The LEDs can be displayed during service even without mains connection by simply pressing the "indicate CSS" button.

**Platform**

Fujitsu Systemboard D3373 made in Germany based on Chipset Intel® C236  
 > cables for connection to the modular or onboard controllers included  
 > Celeron, Pentium, Core i3 or Xeon E3-1200 v5 series CPUs

**Slots:**

- Slot 4 PCIe-Gen3 x8 (notched) - supports modular RAID functions
- Slot 3 PCIe-Gen3 x8 (notched) - preferred slot for Grafics Card option
- Slot 2 PCIe-Gen3 x4 (notched)
- Slot 1 PCIe-Gen3 x1 (mechanically x4) - may be used for legacy PCI option

**System RAM** DDR4-2133 MHz

4 memory slots for max. 64GB DDR4 RAM.

**LAN**

2x Intel i210 Gigabit Ethernet

**Software**

\* ServerView Suite Software incl. ServerStart, ServerBooks, Management Software and Updates

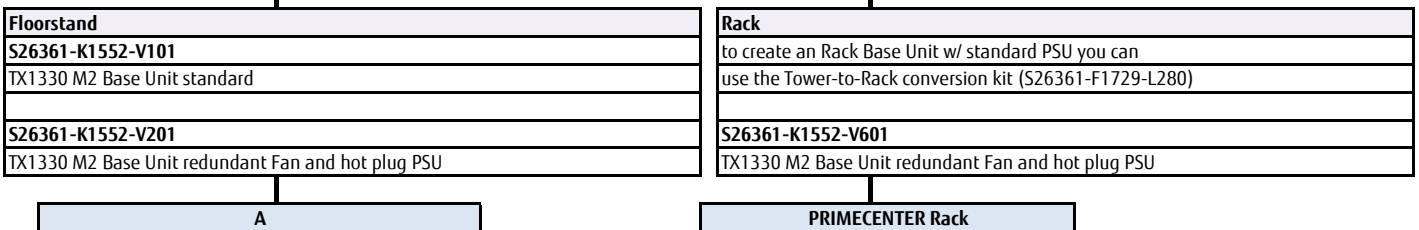
**Connectivity**

Interfaces at rear side

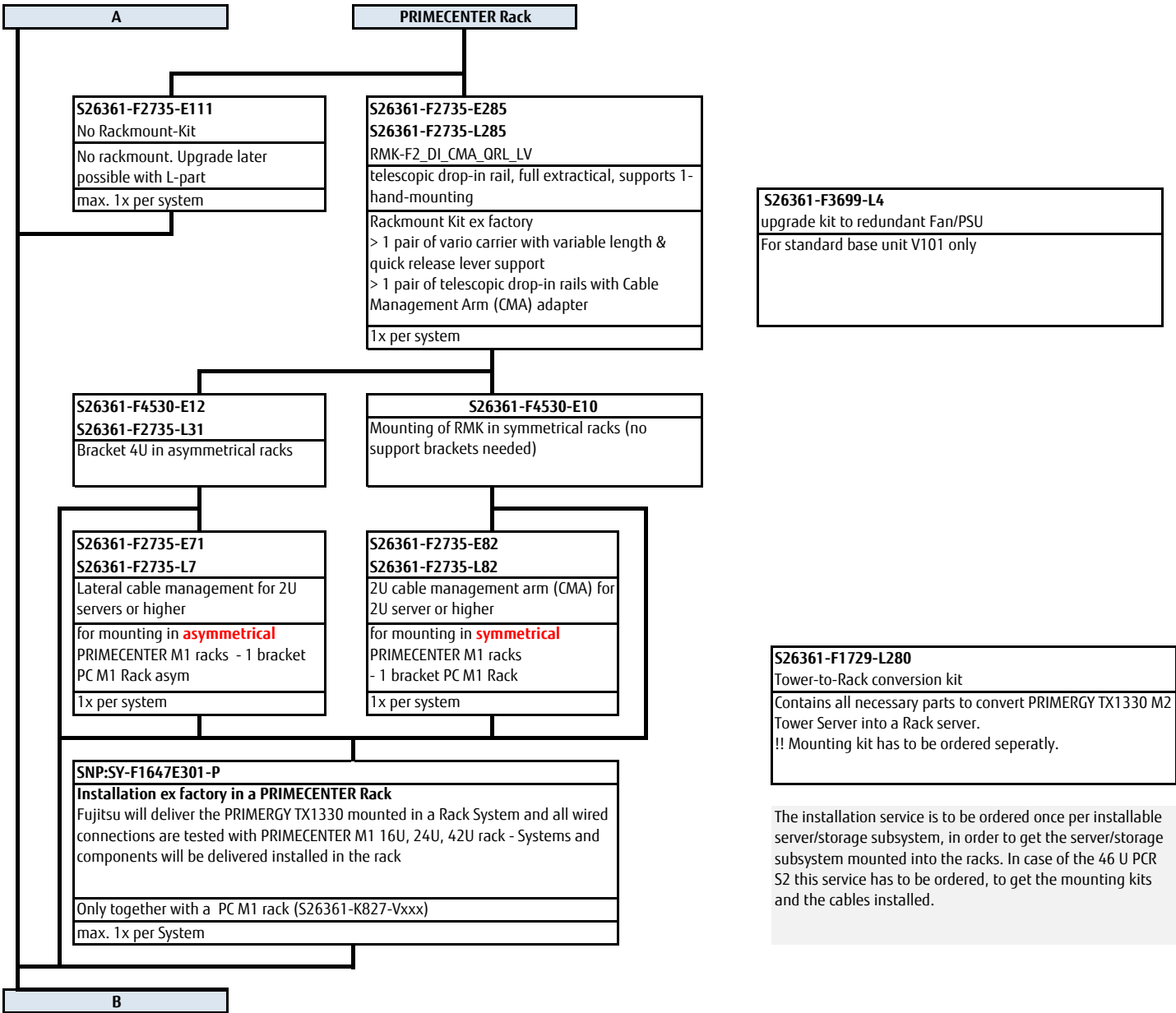
- 1x RS-232-C (serial, 9 pin)
- 2 LAN RJ45 (1 Gbit)
- 1 service LAN RJ45 (1 Gbit)
- 1x VGA (15 pins)
- 2x USB 3.0 & 4x USB 2.0 no USB wakeup

Interfaces at front

- 2x USB 3.0 no USB wakeup
- Interfaces internal
- 1x internal USB 3.0 connectors for backup devices
  - 1x UFM
  - 2x SATA 6G (2x w/ SATA DOM support)
  - 1x Mini SAS/SATA (4x SATA 6G)



**Chapter 2 - Rack architecture**



The installation service is to be ordered once per installable server/storage subsystem, in order to get the server/storage subsystem mounted into the racks. In case of the 46 U PCR S2 this service has to be ordered, to get the mounting kits and the cables installed.

**Chapter 3 - Options for Base Unit**

**B**

**For later upgrade to redundancy the following PSU-kits are available:**

<b>1 power supply module 450W hot plug:</b>	<b>S26113-F575-L13</b>
Supplementary module	
Attention: There is no power cable included!	

<b>Std to Redundant Fan/PSU Upgrade Kit</b>	<b>S26361-F3699-L4</b>
consisting of a redundant Fans w/ Airduct, PSU cage and backplane	
Does not contain any PSU module	

**C**

## Chapter 3 - CPU

## B

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

64-bit Intel Celeron processor supporting DDR4 @ 2.133MHz	
64-bit Intel Celeron processor supporting DDR4 @ 2.133MHz	
Celeron G3900 2.8GHz 2C/2T 2MB 2133MHz (51W)	S26361-F3943-E900
<b>Pentium (Skylake-S)</b>	
64-bit Intel Pentium processor supporting DDR4 @ 2.133MHz	
Pentium G4400 3.3GHz 2C/2T 3MB 2133MHz (54W)	S26361-F3944-E400
<b>Core i3 (Skylake-S)</b>	
64-bit Intel Core i3 processor supporting DDR4 @ 2.133MHz	
Core i3-6100 3.7GHz 2C/4T 3MB 2133MHz (51W)	S26361-F3945-E100
<b>Xeon E3-12xx v5 (Skylake-S)</b>	
64-bit Intel Xeon processor supporting DDR4 @ 2.133MHz	
Xeon E3-1220v5 3.0GHz 4C/4T 8MB 2133MHz Turbo (80W)	S26361-F3910-E220
Xeon E3-1225v5 3.3GHz 4C/4T 8MB 2133MHz Turbo (80W)	S26361-F3910-E225
Xeon E3-1230v5 3.4GHz 4C/8T 8MB 2133MHz Turbo (80W)	S26361-F3910-E230
Xeon E3-1240v5 3.5GHz 4C/8T 8MB 2133MHz Turbo (80W)	S26361-F3910-E240
Xeon E3-1270v5 3.6GHz 4C/8T 8MB 2133MHz Turbo (80W)	S26361-F3910-E270
Xeon E3-1280v5 3.7GHz 4C/8T 8MB 2133MHz Turbo (80W)	S26361-F3910-E280
<b>Xeon E3-12xxL v5 (Skylake-S)</b>	
64-bit Intel Xeon processor supporting DDR4 @ 2.133MHz	
Xeon E3-1240Lv5 2.0GHz 4C/8T 8MB 2133MHz Turbo (25W)	S26361-F3911-E240

On special release request only

## C



**Chapter 4 - DDR4 System memory**

**D**

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 moduls @ 2.133 MT/s

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

Unbuffered Memory (UDIMM) with ECC support			
4GB (1x4GB) 1Rx8 DDR4-2133 U ECC	single rank	S26361-F3909-E514	S26361-F3909-L514
8GB (1x8GB) 2Rx8 DDR4-2133 U ECC	Dual rank	S26361-F3909-E515	S26361-F3909-L515
16GB (1x16GB) 2Rx8 DDR4-2133 U ECC	Dual rank	S26361-F3909-E516	S26361-F3909-L516

**E**

**Chapter 5 - Graphics cards**

E

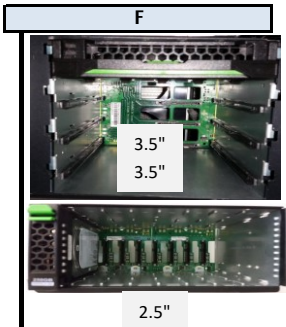
<b>S26361-F2748-E538</b>
<b>S26361-F2748-L538</b>
NVIDIA NVS315
Dual Head operation + professional 2-D or 3D supported by Windows operating systems
1x LFH 59 connector with cable kit for 2x DVI or 2x VGA included
occupies 1x PCIe 3.0 x1 slot
max. 1x per system

F

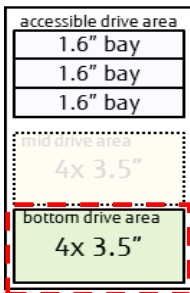
For deliveries to China with CCC label no graphic card is allowed within the configuration. It can be ordered as loose delivery only!

The high end optional NVIDIA NVS315 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 deflivery. Remote Video direction via iRMC must be disabled.

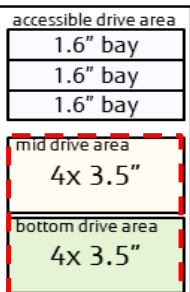
**Chapter 6 - HD drive cage**



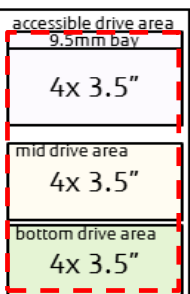
**Definition:**  
 HD drive cage = metal box providing 4 bays for 3.5" HDD or 8 bays for 2.5" HDD/SSD (see sample pictures left). Please choose one of the drive cage kits of the following pages. Each kit contains all relevant parts (metal cage, SAS 3.0 backplanes, SAS 3.0 cables and mounting materials). Kits for more than 8x SAS 3.0 HDD contain a 24x SAS 3.0 Expander.  
 The red dotted line highlights the content of each drive cage kit.  
 1) indicates the order code of the complete kit, explanation & describes the content  
 2) lists the recommended or possible RAID controllers with the related order code  
 3) describes how many drive bays for ODD / backup drives are available  
 4) lists the available upgrade kit options after purchase.  
 ! for upgrades in the accessible drive area the mid drive area must be completed first!  
 5) Remark



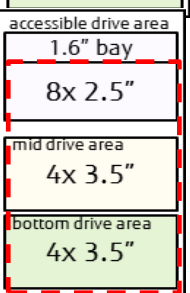
<b>1) S26361-F3899-E304</b>	Basic 3.5" kit for 4x SAS 3.0 HDD mounted in the bottom drive area		
	1x 3.5" kit for up to 4x 3.5" HDD incl. SAS 3.0 Backplane & SAS 3.0 cable mounted in bottom drive area		
<b>2a) recommended RAID configuration</b>		<b>2b) possible RAID controllers</b>	
1x S26361-F3842-E1	PRAID CP400i	S26361-F5243-E1	PRAID EP400i - 1GB Cache
		S26361-F5243-E2	PRAID EP420i - 2GB Cache
<b>3) accessible drive area</b>	3x 1.6" bays for DVD, Blu Ray, LTO or RDX drives or additional HDD cages available*		
<b>4) S26361-F3899-L1</b>	4x 3.5" HDD kit for mid drive area		
<b>4) S26361-F3899-L2</b>	4x 3.5" HDD kit incl. Expander, SAS 3.0 BPL & cables for accessible drive area*		
<b>4) S26361-F3899-L3</b>	8x 2.5" HDD kit incl. Expander, SAS 3.0 BPL & cables for accessible drive area*		
<b>4) Restriction</b>	upgrade of mid drive area requires redundant Base Unit (V201, V601)		
<b>5) Remark</b>	up to 4x SATA HDD can be operated using the onboard RAID Controller		



<b>1) S26361-F3899-E308</b>	Medium 3.5" kit for 8x SAS 3.0 HDD mounted in the bottom and mid drive area		
	2x 3.5" HDD cages for up to 8x 3.5" HDD incl. SAS 3.0 Backplanes & SAS 3.0 cables mounted in the bottom and mid drive area		
<b>1) Restriction</b>	redundant Base Unit (V201, V601) required		
<b>2a) recommended RAID configuration</b>		<b>2b) possible RAID controllers</b>	
1x S26361-F3842-E1	PRAID CP400i	S26361-F5243-E1	PRAID EP400i - 1GB Cache
		S26361-F5243-E2	PRAID EP420i - 2GB Cache
<b>3) accessible drive area</b>	3x 1.6" bays for DVD, Blu Ray, LTO or RDX drives or additional HDD cages available		
<b>4) S26361-F3899-L2</b>	4x 3.5" HDD kit incl. Expander, SAS 3.0 BPL & cables for accessible drive area		
<b>4) S26361-F3899-L3</b>	8x 2.5" HDD kit incl. Expander, SAS 3.0 BPL & cables for accessible drive area		



<b>1) S26361-F3899-E312</b>	Maximum 3.5" kit for 12x HDD mounted in the bottom, mid & accessible drive area		
	3x 3.5" HDD cages for bottom, mid and accessible drive area for up to 12x 3.5" HDD incl. 24x SAS 3.0 Expander, SAS 3.0 Backplanes & SAS 3.0 cables. HDD cage (acc. Area) are mounted directly to the housing - higher noise levels may occur		
<b>1) Restriction</b>	redundant Base Unit (V201, V601) required		
<b>2a) recommended RAID configuration</b>		<b>2b) possible RAID controllers</b>	
1x S26361-F3842-E2	PSAS CP400i for MS spaces	S26361-F5243-E1	PRAID EP400i - 1GB Cache
		S26361-F5243-E2	PRAID EP420i - 2GB Cache
<b>3) accessible drive area</b>	!! 1x 9.5mm bay for ultra slim DVD or Blu Ray available		



<b>1) S26361-F3899-E316</b>	Mix 3.5" / 2.5" kit for 8x3,5" + 8x2,5" HDD mounted in the bottom, mid & accessible drive area		
	2x 3.5" HDD cages for bottom, mid + 1x 2.5" HDD cage for accesible drive area for up to 8x 3.5" + 8x 2,5" HDD incl. 24x SAS 3.0 Expander, SAS 3.0 Backplanes & SAS 3.0 cables. HDD cage (acc. Area) are mounted directly to the housing - higher noise levels may occur		
<b>1) Restriction</b>	redundant Base Unit (V201, V601) required		
<b>2a) recommended RAID configuration</b>		<b>2b) possible RAID controllers</b>	
1x S26361-F3842-E2	PSAS CP400i for MS spaces	S26361-F5243-E1	PRAID EP400i - 1GB Cache
		S26361-F5243-E2	PRAID EP420i - 2GB Cache
<b>3) accessible drive area</b>	1x 1.6" bays for DVD, Blu Ray, LTO or RDX drives available		

accessible drive area 1.6" bay 1.6" bay 1.6" bay	<b>1) S26361-F3899-E208</b>	Basic 2.5" kit for 8x SAS 3.0 HDD or SSD mounted in the bottom drive area basic 2.5" HDD kit for up to 8x 2.5" SAS 3.0 HDD or SSD incl. SAS 3.0 Backplane & SAS 3.0 cable	
	<b>2a) recommended RAID configuration</b>	<b>2b) possible RAID controllers</b>	
	1x S26361-F3842-E1	PRAID CP400i	S26361-F5243-E1 PRAID EP400i - 1GB Cache S26361-F5243-E2 PRAID EP420i - 2GB Cache
mid drive area 8x 2.5"	<b>3) accessible drive area</b>	3x 1.6" bays for DVD, Blu Ray, LTO or RDX drives	
bottom drive area 8x 2.5"	<b>4) S26361-F3899-L11</b>	8x 2.5" HDD kit for mid drive area incl. Expander, SAS 3.0 BPL & cables	
	<b>4) S26361-F3899-L12</b>	8x 2.5" HDD kit SAS 3.0 BPL & cables for accessible drive area*	
	<b>4) S26361-F3899-L13</b>	4x 3.5" HDD kit SAS 3.0 BPL & cables for accessible drive area*	
	<b>4) Restriction</b>	upgrade of mid drive area requires redundant Base Unit (V201, V601)	
	<b>5) Remark</b>	up to 4x SATA HDD can be operated using the onboard RAID Controller *) S26391-F3899-L11 is mandatory	

accessible drive area 1.6" bay 1.6" bay 1.6" bay	<b>1) S26361-F3899-E216</b>	mid 2.5" kit for 16x SAS 3.0 HDD or SSD mounted in the bottom & mid drive area mid 2.5" HDD kit for up to 16x 2.5" SAS 3.0 HDD or SSD incl. 24x SAS 3.0 Expander, SAS 3.0 Backplanes & SAS 3.0 cable	
	<b>1) Restriction</b>	redundant Base Unit (V201, V601) required	
mid drive area 8x 2.5"	<b>2a) recommended RAID configuration</b>	<b>2b) possible RAID controllers</b>	
	1x S26361-F3842-E2	PSAS CP400i for MS spaces	S26361-F5243-E1 PRAID EP400i - 1GB Cache S26361-F5243-E2 PRAID EP420i - 2GB Cache
bottom drive area 8x 2.5"	<b>3) accessible drive area</b>	3x 1.6" bays for DVD, Blu Ray, LTO or RDX drives or additional HDD cages available	
	<b>4) S26361-F3899-L12</b>	8x 2.5" HDD kit SAS 3.0 BPL & cables for accessible drive area	
	<b>4) S26361-F3899-L13</b>	4x 3.5" HDD kit SAS 3.0 BPL & cables for accessible drive area	

accessible drive area 9.5mm bay 4x 3.5"	<b>1) S26361-F3899-E220</b>	Mixed 2.5"/3.5" kit for 16x 2.5" HDD/SSD (bottom/mid) plus 4x 3.5" HDD (acc. Drive area) 2x 2.5" HDD cages for bottom & mid drive area plus 1x 3.5" HDD cage for accessible drive area for up to 16x 2.5" HDD & 4x 3.5" HDD incl. 24x SAS 3.0 Expander, SAS 3.0 Backplanes and SAS 3.0 cables. ! HDD cages are mounted directly to the housing - higher noise levels may occur	
	<b>1) Restriction</b>	redundant Base Unit (V201, V601) required	
mid drive area 8x 2.5"	<b>2a) recommended RAID configuration</b>	<b>2b) possible RAID controllers</b>	
	1x S26361-F3842-E2	PSAS CP400i for MS spaces	S26361-F5243-E1 PRAID EP400i - 1GB Cache S26361-F5243-E2 PRAID EP420i - 2GB Cache
bottom drive area 8x 2.5"	<b>3) accessible drive area</b>	!! 1x 9.5mm bay for ultra slim DVD or Blu Ray available	
	<b>4) no upgrades possible</b>		

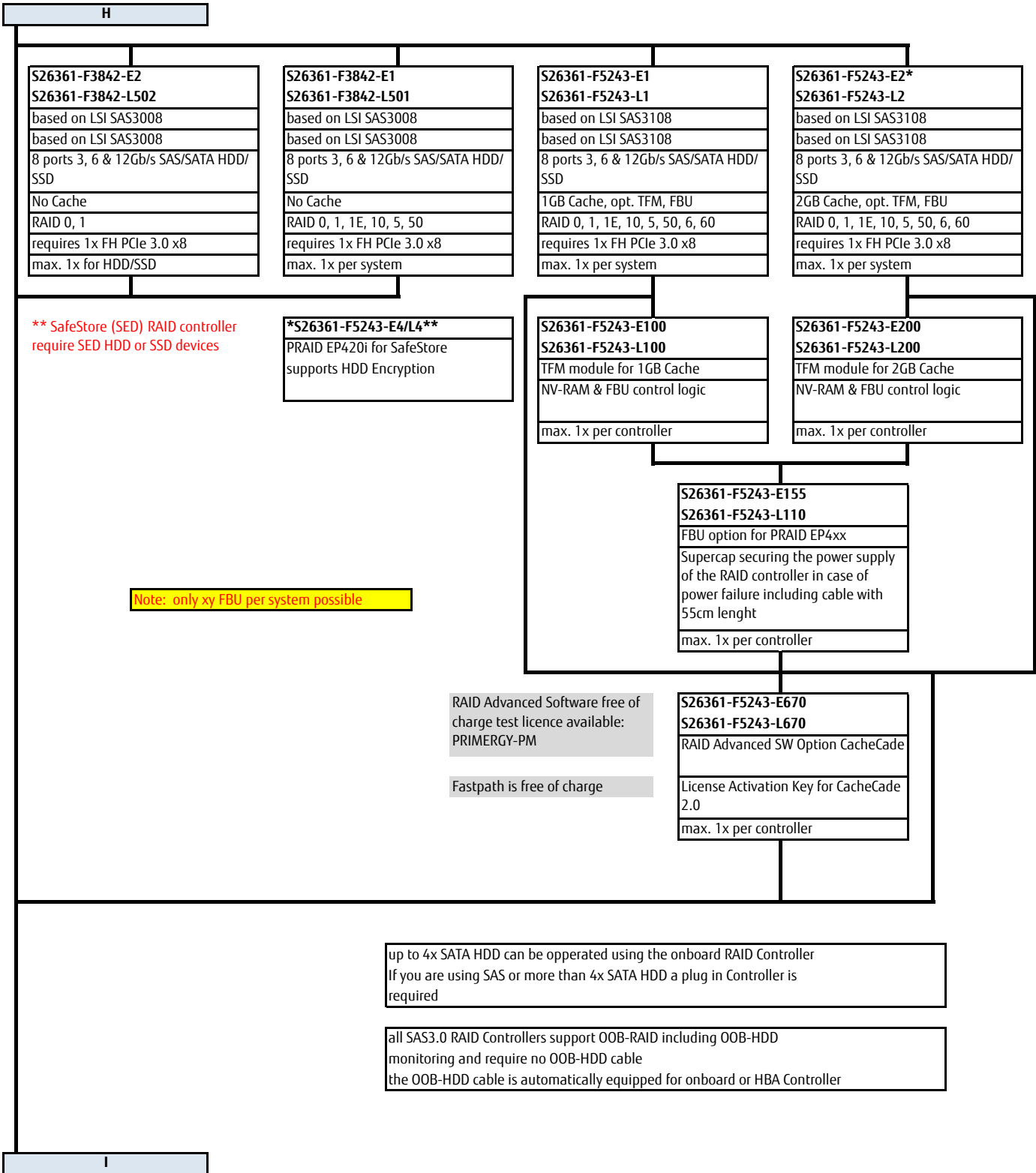
accessible drive area 1.6" bay 8x 2.5"	<b>1) S26361-F3899-E224</b>	Supreme 2.5" kit for 24x SAS 3.0 HDD or SSD mounted in the bottom, mid and accessible drive area Supreme 2.5" HDD kit for up to 24x 2.5" SAS 3.0 HDD or SSD incl. 24x SAS 3.0 Expander, SAS 3.0 Backplanes & SAS 3.0 cable. ! HDD cages are mounted directly to the housing - higher noise levels may occur	
	<b>1) Restriction</b>	redundant Base Unit (V201, V601) required	
mid drive area 8x 2.5"	<b>2a) recommended RAID configuration</b>	<b>2b) possible RAID controllers</b>	
	1x S26361-F3842-E2	PSAS CP400i for MS spaces	S26361-F5243-E1 PRAID EP400i - 1GB Cache S26361-F5243-E2 PRAID EP420i - 2GB Cache
bottom drive area 8x 2.5"	<b>3) accessible drive area</b>	1x 1.6" bays for DVD, Blu Ray, LTO or RDX drives available	
	<b>no upgrades possible</b>		

*You did not find your preferred drive cage configuration in this comprehensive list of popular bundles?*

--> Please contact our made4you team (mailto:customer.projects@ts.fujitsu.com) for more customer specific solutions.  
E.g. 2nd RAID Controller, boot from onboard SATA, ...

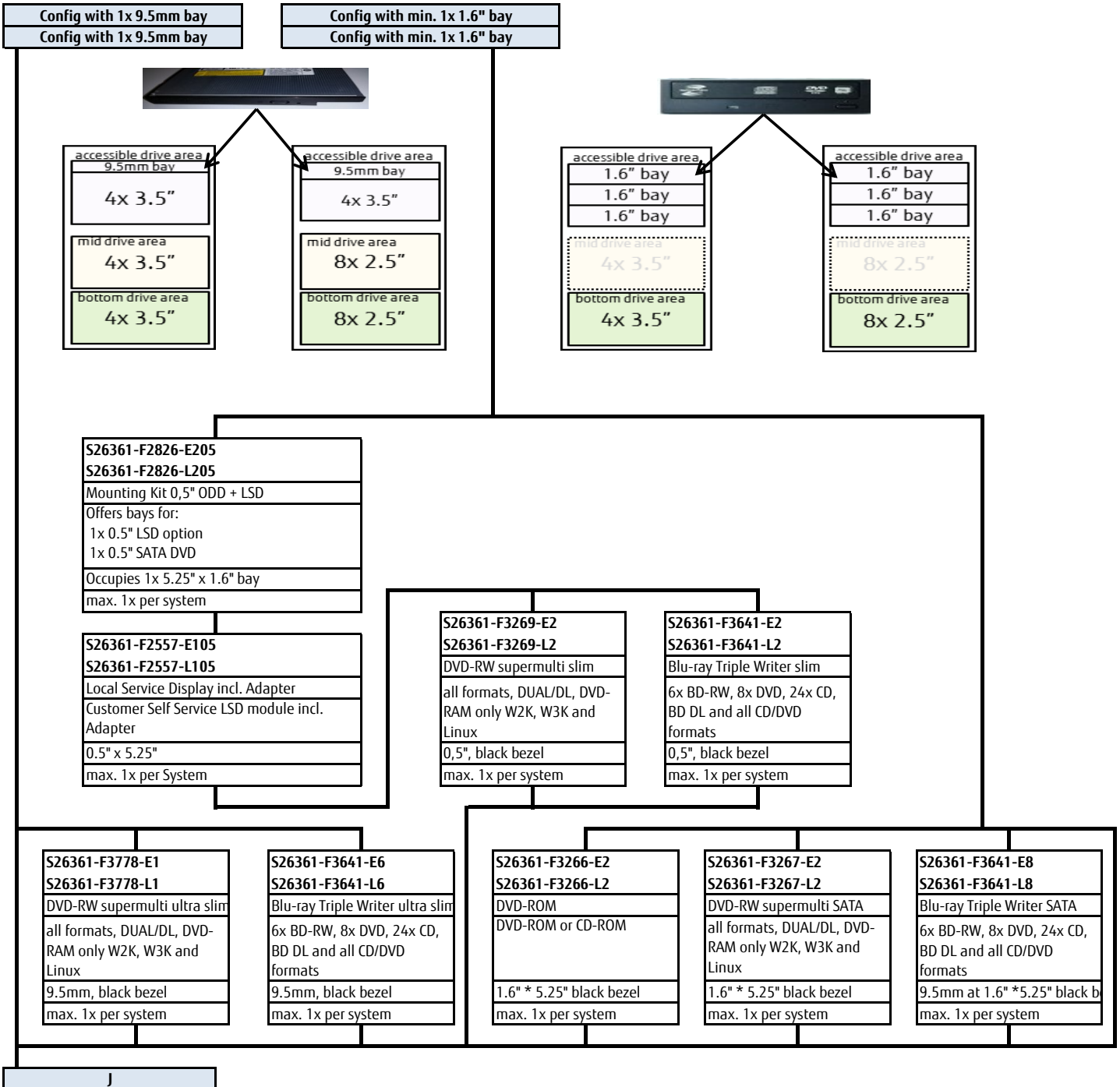
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**Chapter 7 - SAS / RAID Controller**



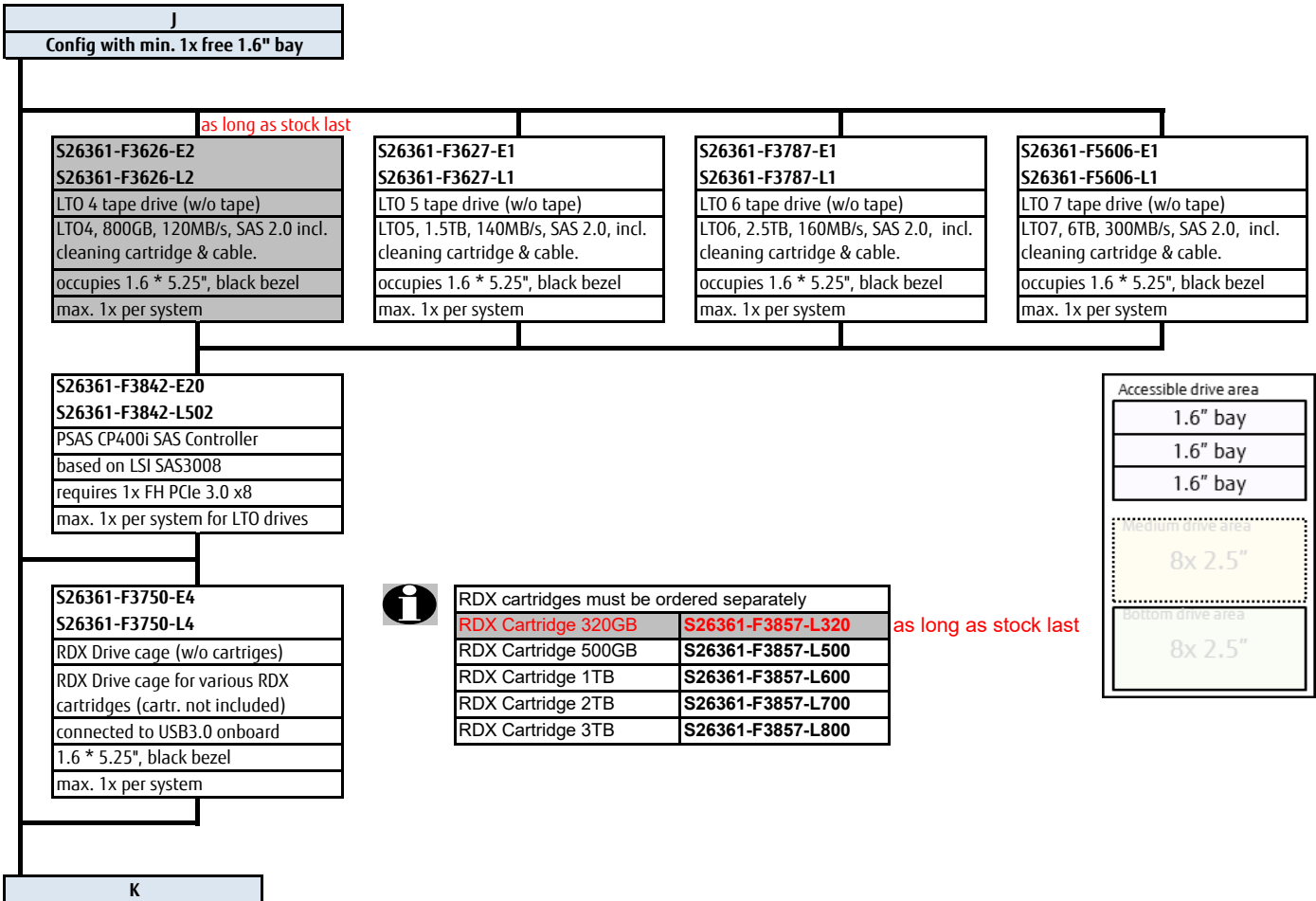
**Chapter 8 - ODD optical disk drives**

With most configurations the TX1330 M2 offers 3 x 1.6" bay in the accessible drives area located at the top of the Tower Server (or at the right side of the Rack) for various ODD and or backup drives.  
 Depending on the HDD drive configuration there may be some or all of these 1.6" bays already occupied - please find the number of available bays and the size listed as point 3) at each of the drive bundles (see chapter 6). All bundles with limitations are highlighted with 2 exclamation marks in the front (e.g. "!! 1x 9.5mm ...")



**Chapter 9 - backup drives**

With most configurations the TX1330 M2 offers 3 x 1.6" bay in the accessible drives area located at the top of the Tower Server (or at the right side of the Rack) for various ODD and or backup drives.  
 Depending on the HDD drive configuration there may be some or all of these 1.6" bays already occupied - please find the number of available bays and the size listed as point 3) at each of the drive bundles. All bundles with limitations are highlighted with 2 exclamation marks in the front (e.g. "!! 1x 9.5mm ...")



**Chapter 10 - storage drives**

SAS drives require a dedicated SAS / RAID Controller  
 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.  
 512n & 512e HDDs can be mixed, but cannot be used in one logical RAID volume.  
 When using SSDs with VMware ESXi, select the SSDs that meet the endurance requirement described in KB2145210 below.  
<https://kb.vmware.com/kb/2145210>  
 dwpd (5y): drive writes per day over 5 years.  
 SED (=Self Encrypting Drives) require either a RAID controller with @SafeStore (SED) support or an HBA and in addition a software instance, supporting SED Key Management.  
 It is strongly recommended to order SafeStore (SED) RAID controller with SED HDD or SSD devices for SafeStore (SED) functionality.  
**HDD Classes:**  
 Economic (ECO) SATA: Entry Class Drives.  
 Business-Critical (BC) -SATA=Nearline SATA Enterprise Drives / 7.2Krpm, SATA 6G.  
 Business-Critical (BC) -SAS=Nearline SATA Enterprise Drives / 7.2Krpm, SAS 6G or SAS 12G.  
 Mission-Critical (MC)=SAS 10K and SAS 15K Enterprise Drives with max. performance and reliability.  
**Warranty:**  
 SSD and SATA DOM have a built-in Wear-Out indicator. In this case the warranty for such a component, as an exception to the system warranty, is restricted to the time period until the indicator reaches the exhaust level.

**SSD SATA 2.5" (SFF) Enterprise with hot plug/hot replace tray**

capacity	Formfactor	Interface	Category	dwpd (5y)	order code E-part	order code L-part
200GB	2.5" (SFF)	6Gb/s	write intensive	10	S26361-F5592-E200	S26361-F5592-L200
400GB	2.5" (SFF)	6Gb/s	write intensive	10	S26361-F5592-E400	S26361-F5592-L400
240GB	2.5" (SFF)	6Gb/s	read / write	3	S26361-F5588-E240	S26361-F5588-L240
480GB	2.5" (SFF)	6Gb/s	read / write	3	S26361-F5588-E480	S26361-F5588-L480
960GB	2.5" (SFF)	6Gb/s	read / write	3	S26361-F5588-E960	S26361-F5588-L960
1.92TB	2.5" (SFF)	6Gb/s	read / write	3	S26361-F5588-E192	S26361-F5588-L192
120GB	2.5" (SFF)	6Gb/s	read intensive	0.3	S26361-F5525-E120	S26361-F5525-L120
800GB	2.5" (SFF)	6Gb/s	read intensive	0.3	S26361-F5525-E800	S26361-F5525-L800
240GB	2.5" (SFF)	6Gb/s	read intensive	1	S26361-F5632-E240	S26361-F5632-L240
480GB	2.5" (SFF)	6Gb/s	read intensive	1	S26361-F5632-E480	S26361-F5632-L480
800GB	2.5" (SFF)	6Gb/s	read intensive	1	S26361-F5632-E800	S26361-F5632-L800
960GB	2.5" (SFF)	6Gb/s	read intensive	1	S26361-F5632-E960	S26361-F5632-L960
1.2TB	2.5" (SFF)	6Gb/s	read intensive	1	S26361-F5632-E120	S26361-F5632-L120
1.6TB	2.5" (SFF)	6Gb/s	read intensive	1	S26361-F5632-E160	S26361-F5632-L160

max. 24x - depending on configuration

**SSD SATA 2.5" Read Intensive (SFF) Enterprise with hot plug/hot replace tray**

Capacity	Formfactor	Interface	Endurance	DWPD	order code E-part	order code L-part	
240GB	2.5" (SFF)	SATA 6Gb/s	Read Intensive	1.4	as soon as available	S26361-F5701-E240	S26361-F5701-L240
480GB	2.5" (SFF)	SATA 6Gb/s	Read Intensive	0.9	as soon as available	S26361-F5701-E480	S26361-F5701-L480
960GB	2.5" (SFF)	SATA 6Gb/s	Read Intensive	0.9	as soon as available	S26361-F5701-E960	S26361-F5701-L960
1.92TB	2.5" (SFF)	SATA 6Gb/s	Read Intensive	0.9	as soon as available	S26361-F5701-E192	S26361-F5701-L192
3.84TB	2.5" (SFF)	SATA 6Gb/s	Read Intensive	1.0	as soon as available	S26361-F5701-E384	S26361-F5701-L384
7.68TB	2.5" (SFF)	SATA 6Gb/s	Read Intensive	0.5	as soon as available	S26361-F5701-E768	S26361-F5701-L768

max. 24x - depending on configuration

**HDD SAS 2.5" 7.2K (SFF) Enterprise business-critical with hot plug/hot replace tray**

capacity	RPM	Interface	Cache	sector	order code E-part	order code L-part
1TB	7 200	12Gb/s	128MB	512e	S26361-F5573-E100	S26361-F5573-L100
2TB	7 200	12Gb/s	128MB	512e	S26361-F5573-E200	S26361-F5573-L200

max. 24x - depending on configuration

**HDD SAS 2.5" 15K (SFF) Enterprise performance with hot plug/hot replace tray**

capacity	RPM	Interface	Cache	sector	order code E-part	order code L-part
300GB	15 000	12Gb/s	128MB	512n	S26361-F5531-E530	S26361-F5531-L530
450GB	15 000	12Gb/s	128MB	512n	S26361-F5531-E545	S26361-F5531-L545
600GB	15 000	12Gb/s	128MB	512n	S26361-F5531-E560	S26361-F5531-L560

max. 24x - depending on configuration

**HDD SAS 2.5" 10K (SFF) Enterprise performance with hot plug/hot replace tray**

capacity	RPM	Interface	Cache	sector	order code E-part	order code L-part	
300GB	10 000	12Gb/s	128MB	512n	S26361-F5550-E130	S26361-F5550-L130	
600GB	10 000	12Gb/s	128MB	512n	S26361-F5550-E160	S26361-F5550-L160	
900GB	10 000	12Gb/s	128MB	512n	S26361-F5550-E190	S26361-F5550-L190	
1.2TB	10 000	12Gb/s	128MB	512n	S26361-F5550-E112	S26361-F5550-L112	
300GB	10 000	12Gb/s	128MB	512n	SED	S26361-F5581-E130	S26361-F5581-L130
600GB	10 000	12Gb/s	128MB	512n	SED	S26361-F5581-E160	S26361-F5581-L160
1.2TB	10 000	12Gb/s	128MB	512n	SED	S26361-F5581-E112	S26361-F5581-L112
600GB	10 000	12Gb/s	128MB	512e		S26361-F5543-E160	S26361-F5543-L160
900GB	10 000	12Gb/s	128MB	512e		S26361-F5543-E190	S26361-F5543-L190
1.2TB	10 000	12Gb/s	128MB	512e		S26361-F5543-E112	S26361-F5543-L112
1.8TB	10 000	12Gb/s	128MB	512e		S26361-F5543-E118	S26361-F5543-L118
1.8TB	10 000	12Gb/s	128MB	512e	SED	S26361-F5582-E118	S26361-F5582-L118

max. 24x - depending on configuration



**Mixed configuration 2.5" HDD SATA 7.2K with 2.5" HDD SAS 15K not allowed**

HDD SATA 2.5" 7.2K (SFF) Business critical with hot plug/hot replace tray									
capacity	RPM	Interface	Cache	sector				order code E-part	order code L-part
1.0TB	7 200	6Gb/s	64MB	512n				S26361-F3926-E100	S26361-F3926-L100
2.0TB	7 200	6Gb/s	128MB	512n				S26361-F3956-E200	S26361-F3956-L200
1.0TB	7 200	6Gb/s	128MB	512e				S26361-F3907-E100	S26361-F3907-L100
2.0TB	7 200	6Gb/s	128MB	512e				S26361-F3907-E200	S26361-F3907-L200

max. 24x - depending on configuration

HDD SATA 3.5" 7.2K (LFF) ECO with non plug/hot replace tray									
capacity	RPM	Interface	Cache	sector				order code E-part	order code L-part
500GB	7 200	6Gb/s	16MB	512e				S26361-F3951-E500	S26361-F3951-L500
1TB	7 200	6Gb/s	64MB	512e				S26361-F3951-E100	S26361-F3951-L100

max. 12x - depending on configuration

HDD SATA 3.5" 7.2K (LFF) business critical with hot plug/hot replace tray									
capacity	RPM	Interface	Cache	sector				order code E-part	order code L-part
500GB	7 200	6Gb/s	64MB	512n				S26361-F3950-E500	S26361-F3950-L500
1TB	7 200	6Gb/s	64MB	512n				S26361-F3950-E100	S26361-F3950-L100
2TB	7 200	6Gb/s	64MB	512n				S26361-F3815-E200	S26361-F3815-L200
4TB	7 200	6Gb/s	64MB	512n				S26361-F3815-E400	S26361-F3815-L400
4TB	7 200	6Gb/s	128MB	512e		not released for Japan/APAC		S26361-F3904-E400	S26361-F3904-L400
6TB	7 200	6Gb/s	128MB	512e				S26361-F3904-E600	S26361-F3904-L600
8TB	7 200	6Gb/s	256MB	512e				S26361-F3904-E800	S26361-F3904-L800
10TB	7 200	6Gb/s	256MB	512e				S26361-F3904-E100	S26361-F3904-L100

max. 12x - depending on configuration

HDD SAS 3.5" 7.2K/10K/15K (LFF) Enterprise performance with 3.5" hot plug/hot replace tray									
capacity	RPM	Interface	Cache	sector	HDD FF			order code E-part	order code L-part
2TB	7 200	12Gb/s	128MB	512e	3.5"			S26361-F5571-E200	S26361-F5571-L200
4TB	7 200	12Gb/s	128MB	512e	3.5"			S26361-F5571-E400	S26361-F5571-L400
6TB	7 200	12Gb/s	128MB	512e	3.5"			S26361-F5571-E600	S26361-F5571-L600
8TB	7 200	12Gb/s	256MB	512e	3.5"			S26361-F5571-E800	S26361-F5571-L800
10TB	7 200	12Gb/s	256MB	512e	3.5"			S26361-F5571-E100	S26361-F5571-L100
6TB	7 200	6Gb/s	128MB	512e	3.5"	SED		S26361-F5584-E600	S26361-F5584-L600
10TB	7 200	6Gb/s	256MB	512e	3.5"	SED		S26361-F5624-E100	S26361-F5624-L100
300GB	10 000	12Gb/s	128MB	512n	2.5"			S26361-F5568-E130	S26361-F5568-L130
600GB	10 000	12Gb/s	128MB	512n	2.5"			S26361-F5568-E160	S26361-F5568-L160
1.2TB	10 000	12Gb/s	128MB	512n	2.5"			S26361-F5568-E112	S26361-F5568-L112
1.8TB	10 000	12Gb/s	128MB	512e	2.5"			S26361-F5569-E118	S26361-F5569-L118
300GB	15 000	12Gb/s	128MB	512n	2.5"			S26361-F5532-E530	S26361-F5532-L530
450GB	15 000	12Gb/s	128MB	512n	2.5"			S26361-F5532-E545	S26361-F5532-L545
600GB	15 000	12Gb/s	128MB	512n	2.5"			S26361-F5532-E560	S26361-F5532-L560

max. 12x - depending on configuration

SSD SATA 3.5" (LFF) 2.5" SSD Enterprise with 3.5" hot plug/hot replace tray									
capacity	Formfactor	Interface	Category	dwpd (Sy)				order code E-part	order code L-part
200GB	3.5" (LFF)	6Gb/s	write intensive	10				S26361-F5593-E200	S26361-F5593-L200
400GB	3.5" (LFF)	6Gb/s	write intensive	10				S26361-F5593-E400	S26361-F5593-L400
240GB	3.5" (LFF)	6Gb/s	read / write	3				S26361-F5589-E240	S26361-F5589-L240
480GB	3.5" (LFF)	6Gb/s	read / write	3				S26361-F5589-E480	S26361-F5589-L480
960GB	3.5" (LFF)	6Gb/s	read / write	3				S26361-F5589-E960	S26361-F5589-L960
1.92TB	3.5" (LFF)	6Gb/s	read / write	3				S26361-F5589-E192	S26361-F5589-L192
120GB	3.5" (LFF)	6Gb/s	read intensive	0.3				S26361-F5530-E120	S26361-F5530-L120
800GB	3.5" (LFF)	6Gb/s	read intensive	0.3				S26361-F5530-E800	S26361-F5530-L800
240GB	3.5" (LFF)	6Gb/s	read intensive	1				S26361-F5630-E240	S26361-F5630-L240
480GB	3.5" (LFF)	6Gb/s	read intensive	1				S26361-F5630-E480	S26361-F5630-L480
800GB	3.5" (LFF)	6Gb/s	read intensive	1				S26361-F5630-E800	S26361-F5630-L800
960GB	3.5" (LFF)	6Gb/s	read intensive	1				S26361-F5630-E960	S26361-F5630-L960
1.2TB	3.5" (LFF)	6Gb/s	read intensive	1				S26361-F5630-E120	S26361-F5630-L120
1.6TB	3.5" (LFF)	6Gb/s	read intensive	1				S26361-F5630-E160	S26361-F5630-L160

max. 12x - depending on configuration

SSD SATA 3.5" Read Intensive (LFF) 2.5" SSD Enterprise with 3.5" hot plug/hot replace tray									
Capacity	Formfactor	Interface	Endurance	DWPD				order code E-part	order code L-part
240GB	3.5" (LFF)	SATA 6Gb/s	Read Intensive	1.4		as soon as available		S26361-F5700-E240	S26361-F5700-L240
480GB	3.5" (LFF)	SATA 6Gb/s	Read Intensive	0.9		as soon as available		S26361-F5700-E480	S26361-F5700-L480
960GB	3.5" (LFF)	SATA 6Gb/s	Read Intensive	0.9		as soon as available		S26361-F5700-E960	S26361-F5700-L960
1.92TB	3.5" (LFF)	SATA 6Gb/s	Read Intensive	0.9		as soon as available		S26361-F5700-E192	S26361-F5700-L192
3.84TB	3.5" (LFF)	SATA 6Gb/s	Read Intensive	1.0		as soon as available		S26361-F5700-E384	S26361-F5700-L384
7.68TB	3.5" (LFF)	SATA 6Gb/s	Read Intensive	0.5		as soon as available		S26361-F5700-E768	S26361-F5700-L768

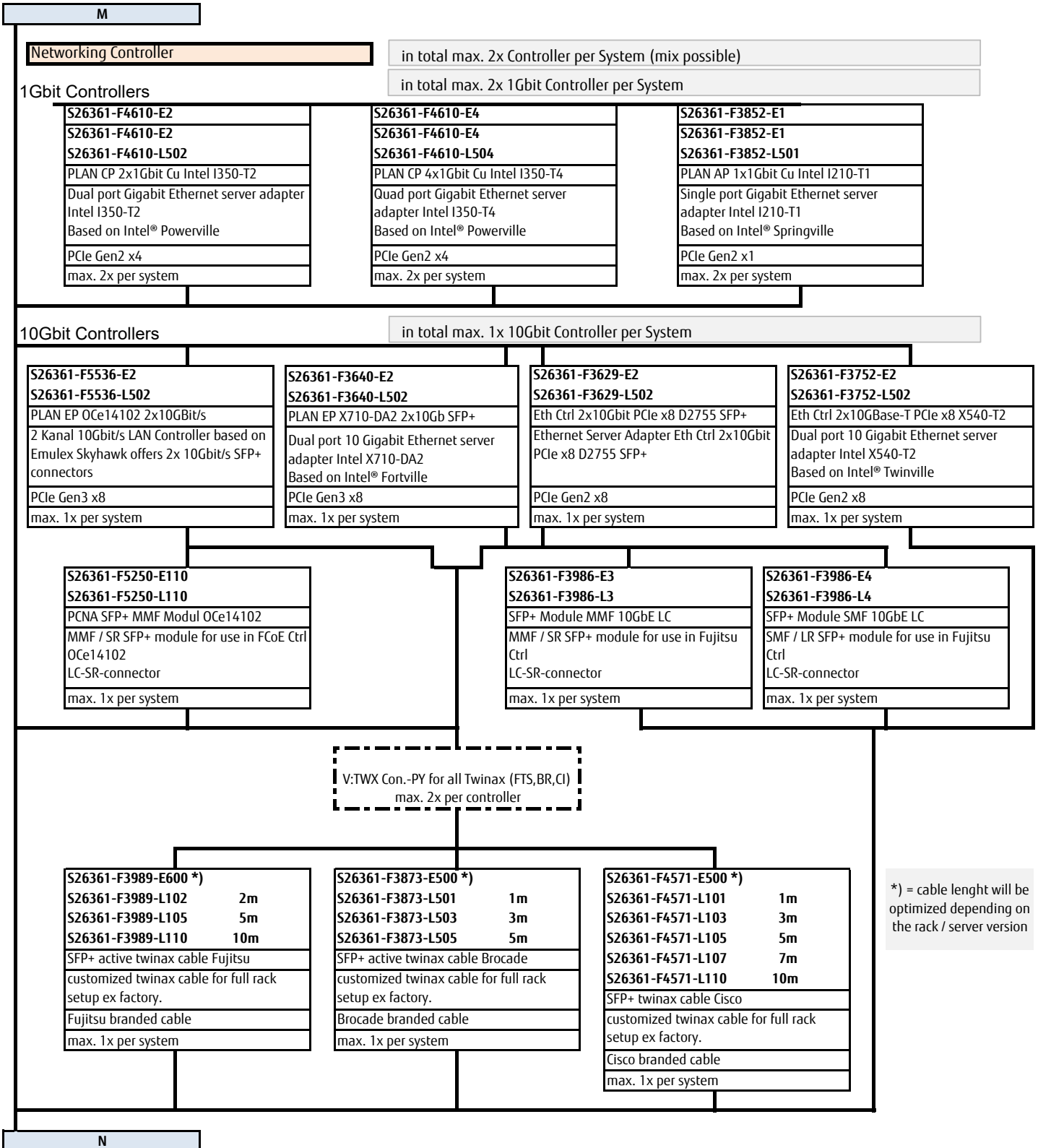
max. 12x - depending on configuration

SATA DOM Non volatile storage drive for booting									
capacity	RPM	S-ATA	Category					order code E-part	order code L-part
64GB	DOM	6GBit/s	boot				0.14	S26361-F5618-E64	S26361-F5618-L64
128GB	DOM	6GBit/s	boot				0.13	S26361-F5618-E128	S26361-F5618-L128

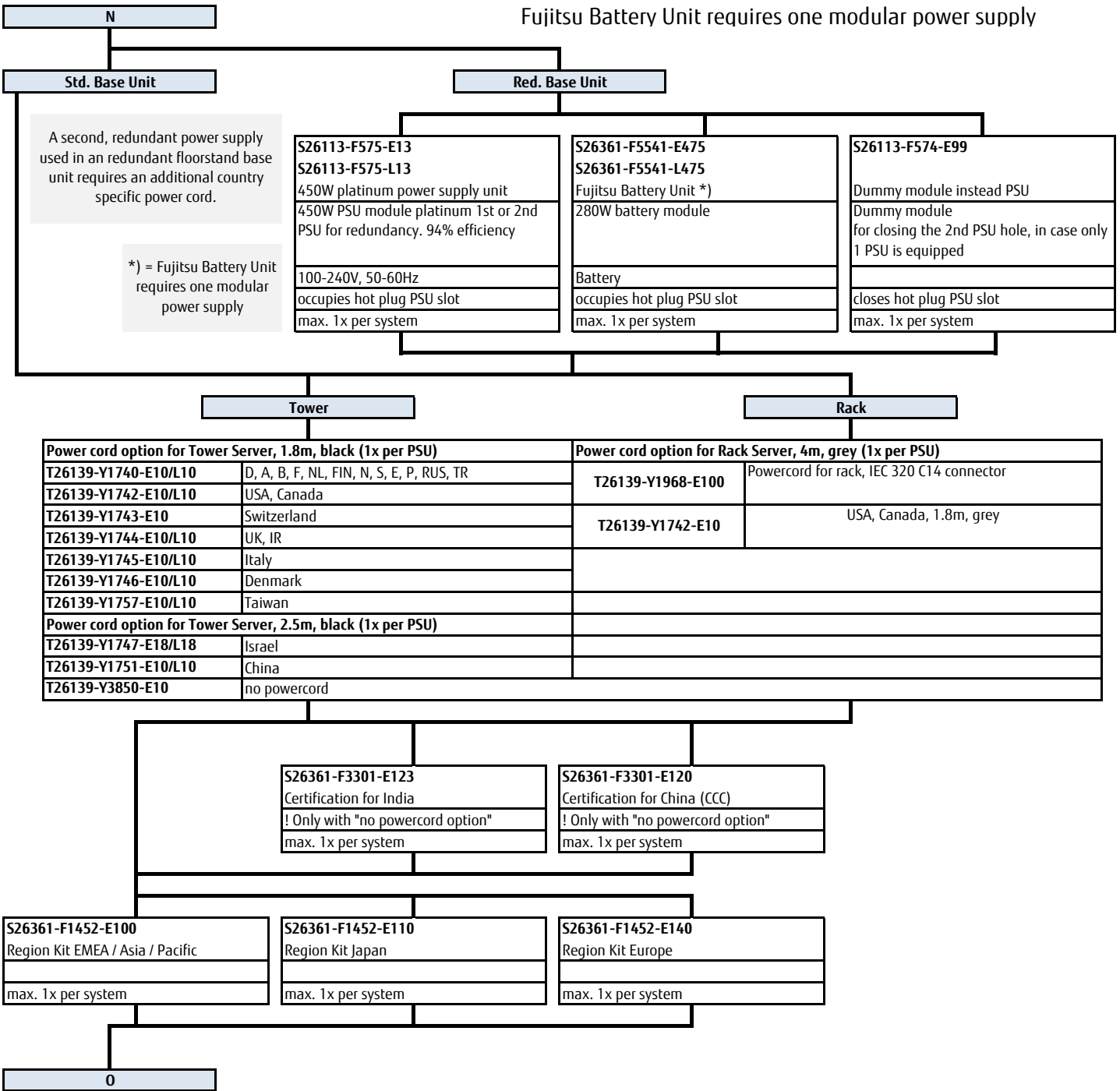
DOM: Disk On Module  
SATADOM is designed for use as a boot drive with the Endurance Spec. above.  
max. 2x per Server; connector located on Motherboard (please see folder "description"). Vmware is not supported.

M

**Chapter 11 - LAN Components**



**Chapter 14 - Power supply unit, power cable, country specific options**



**Chapter 15 - Accessories**

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<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 sticks (FOR PROJECTS ONLY) - no standard release**

ADATA USB 3.0 Flash Stick UE700 – 32GB		S26391-F6048-L332
ADATA USB 3.0 Flash Stick UE700 – 64GB		S26391-F6048-L364



**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



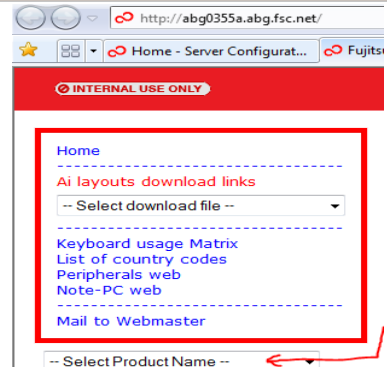
**USB Optical Disc Drive**

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/>

P



"Desktop"

**Chapter 16 - others**

P

S26361-F1790-E243
S26361-F1790-L244
iRMC S4 advanced pack
integrated remote Management controller activation key for graphical console redirection and remote media redirection
max. 1x per system

S26361-F3301-E241
E-Star Fam1
Limits Configuration in accordance with Energy Star requirements if needed.
this setting can be activated ex factory only
max. 1x per system

Today there are no limitations for E-Star Fam1 certification.

S26361-F3776-E101
Cool-safe <sup>®</sup> Advanced Thermal design
enables the PRIMERGY Server to cope with temperatures from 5-40° in operating mode due to extended Fan settings
this setting can be activated ex factory only
max. 1x per system

The ATD feature cannot operate with LTO drives. They will be excluded from configurations with ATD

S26361-F5266-E1
S26361-F5266-L1
PCIe to PCI32 converter for installing legacy PCI controller cards
max. 1x per system

TPM 2.0 Module supported with Windows Server 2012 and successor. Currently not confirmed for SLES12 SP2 / RHEL 7.2 / ESXi 2016 / XenServer 7.

S26361-F3552-E6
S26361-F3552-L6
TPM Module
TPM module
max. 1x per system

S26361-F3552-E10
S26361-F3552-L12
TPM 2.0 Module
TPM 2.0 module
max. 1x per system

*You would like to add some customer specific solutions?*

--> Please contact our made4you team (mailto:customer.projects@ts.fujitsu.com) for more customer specific solutions. E.g. Lifecycle Management, Customer specific Logos, component or BIOS fixes, ....

**Fujitsu Portfolio**

Build on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offering. This allows customers to leverage from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability

**Your Server is ready**

