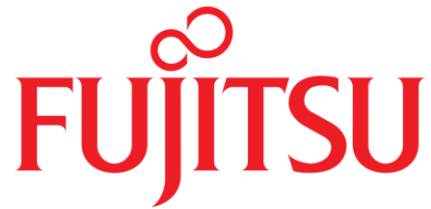


PRIMERGY CX400 M4
Multi Node Server



| 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 CX400 M4 |
| 2 | | describes rack mount kits and services |
| 3 | | Power supply units, power cables, country specific |
| 4 | CPU | Order code and Infos of E5-26xxv5 series processor |
| 5 | RAM | DDR4 System memory (RAM) and memory modes |
| 6 | GFX | Graphics-, Grid-cards, GPU and Xeon Co processors and other graphics options |
| 7 | HD_cage | Drive cage and PCIe riser options |
| 8 | RAID | SAS / RAID Controller and components |
| 9 | ODD | optical disk drives (DVD, DVD-rw, Blu ray) |
| 10 | Backup | LTO drives & RDX drive |
| 11 | HD_SSD | Storage drives - PCIe SSD - SAS/SATA SSD & HDD |
| 12 | LAN_FC_IB | LAN Components |
| 13 | | Fibre Channel Controller |
| 14 | | Infiniband Controller |
| 15 | USB_devices | Keyboards, Mice, USB devices |
| 16 | others | System Management, ATD, RS232 port, TPM modu |

Instructions

This document contains basic product and configuration information supporting 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.

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, ...)

| |
|---|
| S26361-F4610-E2 |
| S26361-F4610-L3 |
| 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 some 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:

http://ts.fujitsu.com/products/standard_servers/index.htm

(internet)

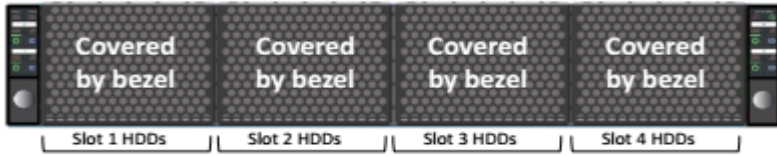
ps://partners.ts.fujitsu.com/com/order-supply/configurators/primergy_config/Pages/default.a

(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.

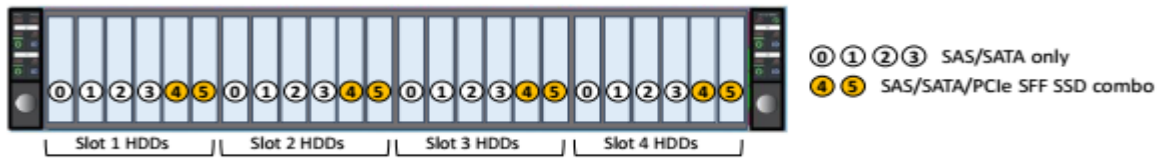
CX400 M4 Front view

HDD less configuration for Node CX2550/CX2560/CX2570 M5



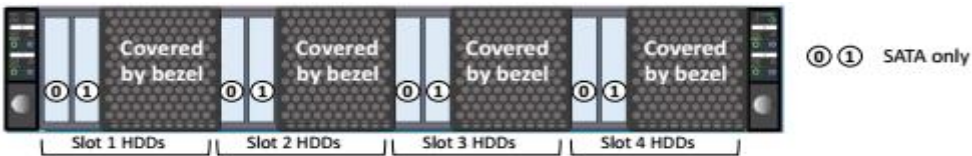
Front HDD bay option enabled configuration for Node CX2560 M5

Each CX2560 M5 use up to 6 drives (respective Slot 1-4)



Front HDD bay option enabled configuration for Node CX2550 M5

Each CX2550 M5 use up to 2 drives (respective Slot 1-4)



Front HDD bay option enabled configuration for Node CX2570 M5

Each CX2570 M5 use up to 6 drives (respective Slot 1, Slot 3)



CX400 M4 Rear View

Node CX2550 / CX2560 M5

| | | |
|-----|--------|--------|
| PSU | Slot 4 | Slot 2 |
| PSU | Slot 3 | Slot 1 |

Node CX2570 M5

| | | |
|-----|------------|------------|
| PSU | (GPU tray) | (GPU tray) |
| PSU | Slot 3 | Slot 1 |

No mixture with different type of server nodes are not supported.

Chapter 1 - Base unit

Start

Power supply units & cooling

The PRIMERGY CX400 M4 offers bays for 1x or 2x direct attached hot plug (opt. redundant) power supply units of 1,600W, 2400W with up to 94% efficiency. The PRIMERGY CX400 M4 supports high performance hot plug fans (N+1 redundant).

Server Management

iRMC S5 (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 easily highlight failed components via LEDs. The LEDs can be displayed during service even without mains connection by simply pressing the "indicate CSS" button.

Platform

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

| item | CX2560 M5 | CX2550 M5 | CX2570 M5 |
|---------------------------------|--|--------------------------------|---|
| Use Case | Allround (cloud) | HPC | HPC |
| Form Factor (Height x Width) | Single x Half (4N) | Single x Half (4N) | Double x Half (2N) |
| # of CPU/Node | 2 | 2 | 2 |
| # of UPI | 3 | 3 | 3 |
| Liquid Cooling | - | Yes (option) | Yes (option) |
| CPU (W) | 150W | 165W (205W: liquid cooling) | 205W |
| # of DIMM | 16 | 16 | 16 |
| # of 2.5"/3.5" HDDs (/ chassis) | 24/0 | 8/0 | 12/0 |
| # of 2.5" HDDs (/ Node) | 6/6/6/ 6 | 2/2/2/2 | 6/6 |
| # of HDD / Type (included) | 6x SAS/SATA (2x PCIe4) | 2x SATA | 6x SAS/SATA (2x PCIe4) |
| # of 3.5" HDDs (/ Node) | - | - | - |
| PCIe slot (type) | 2 (Gen3 x16, 25W) | 2 (Gen3 x16, 25W) | 1 (Gen3 x16, 25W) |
| GPU slot | - | - | 2x (Gen3 x16) |
| TPM slot / MicroSD for BMC | 1 / 1 | 1/1 | 1 / 1 |
| Internal boot device | 1 | 1 | 1 |
| # of M.2 slot | 2 | 2 | 2 |
| Form Factor M.2 I/F type | 2242 | 2242 | 2242 |
| BMC (IPMI) LAN | SAS / PCIe(Gen3)x2 | SAS / PCIe (Gen3)x2 | SAS / PCIe(Gen3)x2 |
| Onboard NIC | 1x 1000 Base -T | 1x 1000 Base -T | 1x 1000 Base -T |
| 1x OCP Mezz slot | PHY (selectable NIC option) 2x 10G Base -T 2x 10G SFP+ 4x 10G SFP+ PCIe Gen3 x16 | - | 4x 1000Base -T 2x 10G Base -T 2x 10G SFP+ 4x 10G SFP+ PCIe Gen3 x16 |

Note:Node popuration rules

CX25y0M5 node popuration rules is defined by TPS(Technical Product Specification).
CX25y0M5 must be installed by bellow order.

| Chassis cofniguration | | | |
|-----------------------|------|------|------|
| PSU2 | 4 2 | | |
| PSU1 | 3 1 | | |
| (Rear View) | | | |
| Server Nodes | | | |
| Slot | Slot | Slot | Slot |
| 1 | 2 | 3 | 4 |
| #CX2550 | | | |
| #CX2560 | | | |
| 1 | 1 | | |
| 2 | 1 | | 2 |
| 3 | 1 | 3 | 2 |
| 4 | 1 | 3 | 4 |

Empty Slots must be filled with Dummy Nodes

| Chassis cofniguration | | | |
|-----------------------|------|------|------|
| PSU2 | 4 2 | | |
| PSU1 | 3 1 | | |
| (Rear View) | | | |
| Server Nodes | | | |
| Slot | Slot | Slot | Slot |
| 1 | 2 | 3 | 4 |
| #CX2570 | | | |
| 1 | 1 | 1 | |
| 2 | 1 | 1 | 2 2 |

Empty Slots must be filled with Dummy Nodes

| |
|---|
| Rack version for 19" racks with 2 height units |
| No PSU included in base unit |
| Basic unit is without node |
| Basic units for CX2550/CX2560/CX2570 M5 LC |
| 0-24x 2.5" HDD bays |
| For EMEA market S26361-K1614-V500 |
| For APAC/US market S26361-K1614-V500 |
| Up to 4 x CX2550/CX2560 M5, Up to 2x CX2570 M5 LC |



Front HDD cage kit must be ordered under node config
Please refer to "HD_cage" sheet

In case of HDD less

In case of front HDD is used

| |
|---|
| Bridge board for HDD configuration |
| S26361-F5651-E180 |
| 1x per CX400 M4 |

| |
|----------------------|
| Loose delivery |
| Bridge board for HDD |
| S26361-F5651-L180 |

| |
|-------------------------------|
| VGA/USB Dongle Y-cable |
| S26361-F5651-E310 |
| * |

| |
|---|
| Loose delivery |
| VGA/USB Y-Dongle cable |
| S26361-F5651-L310 |
| * At least 1x dongle cable is required per customer |



Liquid cooling requires PCR M2 Rack (800mm wide / 1200mm depth / 42U)
For RackCDU, please select below rack
 S26361-K828-V942



All type nodes have no support mixed node configuration

site

In case of liquid cooling

For RackCDU

For Internal RackCDU

| |
|---|
| LC Tube for CX2550 M5 S26361-F5651-E200/L200 1x per CX400 M4 |
| LC Tube for CX2570 M5 S26361-F5651-E220/L220 1x per CX400 M4 |
| LC Tube for CX2560 M5 S26361-F5651-E200/L200 1x per CX400 M4 |

| |
|---|
| LC Tube for CX2550 M5 S26361-F5651-E210/L210 1x per CX400 M4 |
| LC Tube for CX2570 M5 S26361-F5651-E230/L230 1x per CX400 M4 |
| LC Tube for CX2560 M5 S26361-F5651-E210/L210 1x per CX400 M4 |

Special release for CX2560 M5

Special release for CX2560 M5

| | |
|-----------------------------------|------------------------|
| Basic units for CX2560 M5 | |
| 0-6x 2.5" HDD bays | S26361-K1687-V100 |
| Up to 4x per CX400 M4 | |
| Basic units for CX2550 M5 | |
| 0-2x 2.5" HDD bays | S26361-K1688-V100 |
| Up to 4x per CX400 M4 | |
| Dummy node (Half wide, 1U) | S26361-F5651-E670/L670 |
| Up to 3x per CX400 M4 | |

| | |
|--|------------------------|
| Basic units for CX2550 M5 LC | |
| 0-2x 2.5" HDD bays | S26361-K1688-V200 |
| Up to 4x per CX400 M4 | |
| Basic units for CX2570 M5 LC (SXM2) | |
| 0-6x 2.5" HDD bays | S26361-K1686-V200 |
| Up to 2x per CX400 M4 | |
| Dummy node (Half wide, 1U) | S26361-F5651-E670/L670 |
| Up to 3x per CX400 M4 | |



Empty slots must be filled by the dummy nodes.



Basic unit for CX2570M5 (SXM2) always 4x SXM2 required

| | |
|---|---|
| S26361-F4575-E11 | S26361-F4575-E21 |
| Service for CX-Server nodes installation in the CX400 | CX-Server nodes individually packed/delivered for CX400 |
| HDD cage standard | HDD cage standard |
| max. 4x per system unit | max. 1x per CX-Server node |

B

Chapter 2 - Rack architecture

PRIMECENTER Rack

| Rack Architecture | | Remark | | | |
|-------------------|----|------------------------|-------------------|-------------------|---|
| Rack Cable Arm 2U | 1x | Cable mgmt. arm for 2U | S26361-F5651-E100 | S26361-F5651-L100 | Required in case of hotplug FAN operation |

i Rack Cable Arm 2U can be an installation on 19-inch rack by max. 16 chassis.
 Rack Cable Arm 2U cannot be installed in 39-42U, 22-24U, and 1-2U area.
 Rack Cable Arm 2U is not available in the following cable.
 - Infiniband cable - OPA passive copper cable w/QSFP28
 - OPA active optical cable w/QSFP28
 - Multimode Fibre Channel cable

Chapter 3 - Power supply unit, power cable, country specific options

| | |
|---|---|
| S26113-F617-E50 S26113-F617-L50 1600W platinum power supply unit 1600W PSU module platinum 1st or 2nd PSU for redundancy. 94% efficiency 100-240V, 50-60Hz occupies hot plug PSU slot min. 2 / max. 2x per system | S26113-F620-E30 S26113-F620-L30 2400W platinum power supply unit 2400W PSU module platinum 1st or 2nd PSU for redundancy. 94% efficiency 100-240V, 50-60Hz occupies hot plug PSU slot min. 1 / max. 2x per system |
|---|---|

Installing condition* by configuration of Power Supply Unit
 *PSU redundancy (1+1) support depends on the configuration of server, please check the total power consumption in SystemArchitect for making PSU redundant configuration

| |
|---|
| S26361-F5651-E190 S26361-F5651-L190 Dummy module instead PSU Dummy module for closing the 2nd PSU hole, in case only 1 PSU is equipped closes hot plug PSU slot max. 1x per system |
|---|

i 2400W (S26113-F620-E30) must use Power Cord 16A (S26361-F3151-E301)

| | 1600W PSU | 2400W PSU |
|-------------------|---------------------|---------------------|
| S26361-F3151-E351 | 200-240V | Not supported |
| S26361-F3151-E301 | 100-120V / 200-240V | 100-120V / 200-240V |

for CX400 M4 within rack
 please choose only 1 of this 2 cables

| | | | |
|---|--|---|---|
| S26361-F3151-E351 Power Cord 10A IEC 320 C19 -> C14 default within rack 1x per PSU | S26361-F3151-E301 Power Cord 16A IEC 320 C19 -> C20 for 100V-115V only*) 1x per PSU | S26361-F3151-E500 Power Cord IEC320 C19 -> US NEMA L6-20p without rack only 1x per PSU | T26139-Y3850-E10 No Power Cord without rack only 1x per PSU |
|---|--|---|---|

i *) in System architect please change the default 16A connection to a 10A connection for all PSU

| |
|---|
| S26361-F4530-E12 Mounting 2U server in asymmetrical racks with 2U support bracket |
|---|

| |
|--|
| S26361-F4530-E10 Mounting in symmetrical & 3rd party racks (no support bracket needed) |
|--|

| |
|---|
| S26361-F2735-L10 Adapter angle PC/DC-Rack, till 50Kg necessary for mounting RMKs in asymmetrical racks |
|---|

SNP:SY-F1647E301-P
Installation ex works for one server or subsystem.
Hereby the rack will be delivered completely pre-mounted and all wired connections are tested.
 With PCR M1 16U, 24U, 42U:
 Systems and components will be delivered installed in the rack

To be ordered only together with a PRIMECENTER rack
 refer PCR S2 or M1 rack configurator for air cooling
 refer to M2 rack configurator for liquid cooling
 max. 1x per System

"Rack-mounting ex factory"
 This 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 not-installed server and subsystems this service has to be ordered, to get the mounting kits and the cables installed.

| 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 Welsh language, need to be included always into the order from EU and EFTA | S26361-F1452-E140 | - |
| Region Kit China for CCC option not required systems (N/A CCC systems for more than 1300W PSU or, systems printing CCC mark always) , Contains warranty sheet and safety instructions for China, need to be included always into the order from China country | S26361-F1452-E102 | - |

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

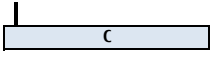
| Certifications, optional 1x per system | build-in order code | loose delivery order code |
|--|--------------------------|---------------------------|
| Certification for India, (BIS), Reduced component selection possible, only with no power cord option | S26361-F3301-E123 | - |

A

se

Chapter 3 - CPU (CX2560 M5)

| B | | | Base Units |
|--|-------------------|-------------------|------------------------------|
| <p>There are 2 processor sockets available. Please configure 1 or 2 Processors.</p> <p>>> All processors have to be the same type.</p> <p>>> With one processor LOM, iRMC and 8x DIMM slots are available</p> <p>>> With two processors all 16x DIMM slots are available.</p> <p>>> To configure 2nd CPU an additional cooler kit is required.</p> <p>>> Empty CPU slot have to be filled up with a CPU Dummy!</p> <p style="text-align: right;">* HT = Hyper Threading</p> <p>Restriction for CPUs above 150W TDP: Ambient temperature requirement for CPUs between 150W is 30°C</p> <p>Restriction for ErP Lot9:</p> <p>>> Xeon Bronze 3204 is not orderable. >> 1 DIMM configuration is not orderable.</p> <p style="border: 1px solid red; padding: 5px;">These configuration is not allowed to ship in EU/EFTA countries to comply with ErP Lot 9 regulation.</p> | | | Standard (S26361-K1687-V100) |
| Xeon Bronze 3200 - Basic | | | |
| 64-bit Intel Xeon processor supporting DDR4 @ 2133MHz & UPI Bus @ 9.6 GT/s | | | |
| Xeon Bronze 3204 6C 1.9GHz 85W | S26361-F4082-E104 | S26361-F4082-L104 | Not Orderable |
| Xeon Bronze 3206R 8C nHT 1.9GHz 85W | S26361-F4082-E806 | S26361-F4082-L806 | X |
| Xeon Silver 4200 - Standard | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2400 MHz & UPI Bus 9.6 GT/s | | | |
| Xeon Silver 4208 8C 2.1GHz 85W | S26361-F4082-E108 | S26361-F4082-L108 | X |
| Xeon Silver 4210 10C 2.2GHz 85W | S26361-F4082-E110 | S26361-F4082-L110 | X |
| Xeon Silver 4210R 10C 2.4GHz 100W | S26361-F4082-E811 | S26361-F4082-L811 | X |
| Xeon Silver 4214 12C 2.2GHz 85W | S26361-F4082-E114 | S26361-F4082-L114 | X |
| Xeon Silver 4214R 12C 2.4GHz 100W | S26361-F4082-E814 | S26361-F4082-L814 | X |
| Xeon Silver 4216 16C 2.2GHz 100W | S26361-F4082-E116 | S26361-F4082-L116 | X |
| Xeon Silver 4200 - Frequency Optimized | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2400 MHz & UPI Bus @ 9.6 GT/s | | | |
| Xeon Silver 4215 8C 2.5GHz 85W | S26361-F4082-E115 | S26361-F4082-L115 | X |
| Xeon Silver 4215R 8C 3.2GHz 130W | S26361-F4082-E815 | S26361-F4082-L815 | X |
| Xeon Gold 5200 - Advanced AEP enabled | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2666 MHz & UPI Bus @ 10.4 GT/s | | | |
| Xeon Gold 5215 10C 2.5GHz 85W | S26361-F4082-E215 | S26361-F4082-L215 | X |
| Xeon Gold 5217 8C 3.0GHz 115W | S26361-F4082-E217 | S26361-F4082-L217 | X |
| Xeon Gold 5218 16C 2.3GHz 125W | S26361-F4082-E218 | S26361-F4082-L218 | X |
| Xeon Gold 5218R 20C 2.1GHz 125W | S26361-F4082-E818 | S26361-F4082-L818 | X |
| Xeon Gold 5220 18C 2.2GHz 125W | S26361-F4082-E220 | S26361-F4082-L220 | X |
| Xeon Gold 5220R 24C 2.2GHz 150W | S26361-F4082-E820 | S26361-F4082-L820 | X |
| Xeon Gold 5200 - Advanced AEP enabled | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2933 MHz & UPI Bus @ 10.4 GT/s | | | |
| Xeon Gold 5222 4C 3.8GHz 105W | S26361-F4082-E222 | S26361-F4082-L222 | X |
| Xeon Gold 6200 - Advanced AEP enabled | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2933 MHz & UPI Bus @ 10.4 GT/s | | | |
| Xeon Gold 6226 12C 2.7GHz 125W | S26361-F4082-E326 | S26361-F4082-L326 | X |
| Xeon Gold 6226R 16C 2.9GHz 150W | S26361-F4082-E826 | S26361-F4082-L826 | X |
| Xeon Gold 6230 20C 2.1GHz 125W | S26361-F4082-E330 | S26361-F4082-L330 | X |
| Xeon Gold 6230R 26C 2.1GHz 150W | S26361-F4082-E830 | S26361-F4082-L830 | X |
| Xeon Gold 6234 8C 3.4GHz 130W | S26361-F4082-E334 | S26361-F4082-L334 | X |
| Xeon Gold 6238 22C 2.1GHz 140W | S26361-F4082-E338 | S26361-F4082-L338 | X |
| Xeon Gold 6240 18C 2.6GHz 150W | S26361-F4082-E340 | S26361-F4082-L340 | X |
| Xeon Gold 6242 16C 2.8GHz 150W | S26361-F4082-E342 | S26361-F4082-L342 | X |
| Xeon Gold 6248 20C 2.5GHz 150W | S26361-F4082-E348 | S26361-F4082-L348 | X |
| Xeon Gold 6252 24C 2.1GHz 150W | S26361-F4082-E352 | S26361-F4082-L352 | X |
| Xeon Gold 5200M - Advanced (Shelf 3; 2.0TB p. Socket) | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2666 MHz & UPI Bus @ 10.4 GT/s | | | |
| Xeon Gold 5215M 10C 2.5GHz 85W | S26361-F4082-E415 | S26361-F4082-L415 | X |
| Xeon Gold 6200M - Advanced (Shelf 3; 2.0TB p. Socket) | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2933 MHz & UPI Bus @ 10.4 GT/s | | | |
| Xeon Gold 6238M 22C 2.1GHz 140W | S26361-F4082-E438 | S26361-F4082-L438 | X |
| Xeon Gold 6240M 18C 2.6GHz 150W | S26361-F4082-E440 | S26361-F4082-L440 | X |
| Xeon Silver 4200Y- Speed Select | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2400 MHz & UPI Bus @ 9.6 GT/s | | | |
| Xeon Silver 4214Y 8/10/12C 2.2GHz 85W | S26361-F4082-E614 | S26361-F4082-L614 | X |
| Xeon Gold 5200S - Serched Optimized | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2666 MHz & UPI Bus @ 10.4 GT/s | | | |
| Xeon Gold 5220S 18C 2.6GHz 125W | S26361-F4082-E221 | S26361-F4082-L221 | X |
| Xeon Gold 6200V - VM Optimized | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2933 MHz & UPI Bus @ 10.4 GT/s | | | |
| Xeon Gold 6222V 20C 1.8GHz 115W | S26361-F4082-E322 | S26361-F4082-L322 | X |
| Xeon Gold 6262V 24C 1.9GHz 135W | S26361-F4082-E362 | S26361-F4082-L362 | X |
| Cooler Kit (see comment above; for upgrade please use according kit to the selected CPU) | | | |
| Cooling Kit 2nd CPU | S26361-F3849-E100 | | X |
| Cooling Kit for 2nd CPU (upgrade option for Standard BU) | | S26361-F4051-L950 | X |



Chapter 3 - CPU (CX2570 M5)

B

There are 2 processor sockets available. Please configure 1 or 2 Processors.
 >> All processors have to be the same type.
 >> With one processor LOM, iRMC and 8x DIMM slots are available
 >> With two processors all 16x DIMM slots are available.
 >> Empty CPU slot have to be filled up with a CPU Dummy! * HT = Hyper Threading

Note: CX2570M5 supports only liquid cooling model
 Liquid cooling base unit requires always 2 CPUs

Restriction for ErP Lot9:

>> Xeon Bronze 3204 is not orderable.
 >> 1 DIMM configuration is not orderable.

These configuration is not allowed to ship in EU/EFTA countries to comply with ErP Lot 9 regulation.

Base Units

Liquid Cooled (S26361-K1686-V200)

| | | | |
|---|-------------------|--|---------------|
| Xeon Bronze 3200 - Basic | | | |
| 64-bit Intel Xeon processor supporting DDR4 @ 2133MHz & UPI Bus @ 9.6 GT/s | | | |
| Xeon Bronze 3204 6C nHT 1.9 GHz 85W | S26361-F4082-E104 | | Not Orderable |
| Xeon Bronze 3206R 8C nHT 1.9GHz 85W | S26361-F4082-E806 | | |
| Xeon Silver 4200 - Standard | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2400 MHz & UPI Bus 9.6 GT/s | | | |
| Xeon Silver 4208 8C 2.1GHz 85W | S26361-F4082-E108 | | X |
| Xeon Silver 4210 10C 2.2GHz 85W | S26361-F4082-E110 | | X |
| Xeon Silver 4210R 10C 2.4GHz 100W | S26361-F4082-E811 | | X |
| Xeon Silver 4214 12C 2.2GHz 85W | S26361-F4082-E114 | | X |
| Xeon Silver 4214R 12C 2.4GHz 100W | S26361-F4082-E814 | | X |
| Xeon Silver 4216 16C 2.1GHz 100W | S26361-F4082-E116 | | X |
| Xeon Silver 4200 - Frequency Optimized | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2400 MHz & UPI Bus @ 9.6 GT/s | | | |
| Xeon Silver 4215 8C 2.5GHz 85W | S26361-F4082-E115 | | X |
| Xeon Silver 4215R 8C 3.2GHz 130W | S26361-F4082-E815 | | X |
| Xeon Gold 5200 - Advanced AEP enabled | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2666 MHz & UPI Bus @ 10.4 GT/s | | | |
| Xeon Gold 5215 10C 2.5GHz 85W | S26361-F4082-E215 | | X |
| Xeon Gold 5217 8C 3.0GHz 115W | S26361-F4082-E217 | | X |
| Xeon Gold 5218 16C 2.3GHz 125W | S26361-F4082-E218 | | X |
| Xeon Gold 5218R 20C 2.1GHz 125W | S26361-F4082-E818 | | X |
| Xeon Gold 5220 18C 2.2GHz 125W | S26361-F4082-E220 | | X |
| Xeon Gold 5220R 24C 2.2GHz 150W | S26361-F4082-E820 | | X |
| Xeon Gold 5200 - Advanced AEP enabled | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2933 MHz & UPI Bus @ 10.4 GT/s | | | |
| Xeon Gold 5222 4C 3.8GHz 105W | S26361-F4082-E222 | | X |
| Xeon Gold 6200 - Advanced AEP enabled | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2933 MHz & UPI Bus @ 10.4 GT/s | | | |
| Xeon Gold 6226 12C 2.7GHz 125W | S26361-F4082-E326 | | X |
| Xeon Gold 6226R 16C 2.9GHz 150W | S26361-F4082-E826 | | X |
| Xeon Gold 6230 20C 2.1GHz 125W | S26361-F4082-E330 | | X |
| Xeon Gold 6230R 26C 2.1GHz 150W | S26361-F4082-E830 | | X |
| Xeon Gold 6234 8C 3.4GHz 130W | S26361-F4082-E334 | | X |
| Xeon Gold 6238 22C 2.1GHz 140W | S26361-F4082-E338 | | X |
| Xeon Gold 6238R 28C 2.2GHz 165W | S26361-F4082-E838 | | X |
| Xeon Gold 6240 18C 2.6GHz 150W | S26361-F4082-E340 | | X |
| Xeon Gold 6240R 24C 2.4GHz 165W | S26361-F4082-E840 | | X |
| Xeon Gold 6242 16C 2.8GHz 150W | S26361-F4082-E342 | | X |
| Xeon Gold 6242R 20C 3.1GHz 205W | S26361-F4082-E842 | | X |
| Xeon Gold 6244 8C 3.6GHz 150W | S26361-F4082-E344 | | X |
| Xeon Gold 6246 12C 3.3GHz 165W | S26361-F4082-E346 | | X |
| Xeon Gold 6246R 16C 3.4GHz 205W | S26361-F4082-E846 | | X |
| Xeon Gold 6248 20C 2.5GHz 150W | S26361-F4082-E348 | | X |
| Xeon Gold 6248R 24C 3.0GHz 205W | S26361-F4082-E848 | | X |
| Xeon Gold 6250 8C 3.9GHz 185W | S26361-F4082-E850 | | X |
| Xeon Gold 6252 24C 2.1GHz 150W | S26361-F4082-E352 | | X |
| Xeon Gold 6254 18C 3.1GHz 200W | S26361-F4082-E354 | | X |
| Xeon Gold 6256 12C 3.6GHz 205W | S26361-F4082-E856 | | X |
| Xeon Gold 6258R 28C 2.7GHz 205W | S26361-F4082-E858 | | X |
| Xeon Platinum 8200 Advanced AEP enabled | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2933 MHz & UPI Bus @ 10.4 GT/s | | | |
| Xeon Platinum 8260 24C 2.4GHz 165W | S26361-F4082-E360 | | X |
| Xeon Platinum 8268 24C 2.9GHz 205W | S26361-F4082-E368 | | X |
| Xeon Platinum 8270 26C 2.7GHz 205W | S26361-F4082-E370 | | X |
| Xeon Platinum 8276 28C 2.2GHz 165W | S26361-F4082-E376 | | X |
| Xeon Platinum 8280 28C 2.7GHz 205W | S26361-F4082-E380 | | X |
| Xeon Gold 5200M - Advanced (Shelf 3; 2.0TB p. Socket) | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2666 MHz & UPI Bus @ 10.4 GT/s | | | |
| Xeon Gold 5215M 10C 2.5GHz 85W | S26361-F4082-E415 | | X |
| Xeon Gold 6200M - Advanced (Shelf 3; 2.0TB p. Socket) | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2933 MHz & UPI Bus @ 10.4 GT/s | | | |

| | | | |
|---|-------------------|--|---|
| Xeon Gold 6238M 22C 2.1GHz 140W | S26361-F4082-E438 | | X |
| Xeon Gold 6240M 18C 2.6GHz 150W | S26361-F4082-E440 | | X |
| Xeon Platinum 8200M - Advanced (2.0 TB p. Socket) | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2933 MHz & UPI Bus @ 10.4 GT/s | | | |
| Xeon Platinum 8260M 24C 2.4GHz 165W | S26361-F4082-E460 | | X |
| Xeon Platinum 8276M 28C 2.2GHz 165W | S26361-F4082-E476 | | X |
| Xeon Platinum 8280M 28C 2.7GHz 205W | S26361-F4082-E480 | | X |

B1

B1

| | | | |
|---|--------------------------|--|---|
| Xeon Silver 4200 - Speed Select | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2666 MHz & QPI Bus @ 10.4 GT/s | | | |
| Xeon Silver 4214Y 8/10/12C 2.2GHz 85W | S26361-F4082-E614 | | X |
| Xeon Gold 6200 - Speed Select AEP enabled | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2666 MHz & QPI Bus @ 10.4 GT/s | | | |
| Xeon Gold 6240Y 8/14/18C 2.6GHz 150W | S26361-F4082-E640 | | X |
| Xeon Platinum 8200 - Speed Select AEP enabled | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2400 MHz & QPI Bus @ 9.6 GT/s | | | |
| Xeon Platinum 8260Y 16/20/24C 2.4GHz 165W | S26361-F4082-E660 | | X |
| Xeon Gold 5200S - Serched Optimized | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2666 MHz & UPI Bus @ 10.4 GT/s | | | |
| Xeon Gold 5220S 18C 2.6GHz 125W | S26361-F4082-E221 | | X |
| Xeon Gold 6200V - VM Optimized | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2933 MHz & UPI Bus @ 10.4 GT/s | | | |
| Xeon Gold 6222V 20C 1.8GHz 115W | S26361-F4082-E322 | | X |
| Xeon Gold 6262V 24C 1.9GHz 135W | S26361-F4082-E362 | | X |

C

Chapter 3 - CPU (CX2550 M5)

| B | | | Base Units | |
|---|-------------------|-------------------|------------------------------|-----------------------------------|
| <p>There are 2 processor sockets available. Please configure 1 or 2 Processors.</p> <p>>> All processors have to be the same type.</p> <p>>> With one processor LOM, iRMC and 8x DIMM slots are available</p> <p>>> With two processors all 16x DIMM slots are available.</p> <p>>> To configure 2nd CPU an additional cooler kit is required.</p> <p>>> Empty CPU slot have to be filled up with a CPU Dummy! * HT = Hyper Threading</p> <p>Restriction for CPUs above 150W TDP: Ambient temperature requirement for CPUs between 150W and 165W TDP is 30°C CPUs above 165W TDP require a liquid cooled base unit</p> <p>Liquid cooling base unit requires always 2 CPUs</p> <p>Restriction for ErP Lot9:</p> <div style="border: 1px solid red; padding: 5px; margin-top: 10px;"> <p>>> Xeon Bronze 3204 is not orderable. >> 1 DIMM configuration is not orderable.</p> </div> <p>These configuration is not allowed to ship in EU/EFTA countries to comply with ErP Lot 9 regulation. For APAC and US region, please contact Fujitsu Marketing team, if you require those configuration.</p> | | | Standard (S26361-K1688-V100) | Liquid Cooled (S26361-K1688-V200) |
| Xeon Gold 5200 - Advanced AEP enabled | | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2666 MHz & UPI Bus @ 10.4 GT/s | | | | |
| Xeon Gold 5215 10C 2.6GHz 85W | S26361-F4082-E215 | S26361-F4082-L215 | X | X |
| Xeon Gold 5217 8C 3.0GHz 115W | S26361-F4082-E217 | S26361-F4082-L217 | X | X |
| Xeon Gold 5218 16C 2.3GHz 125W | S26361-F4082-E218 | S26361-F4082-L218 | X | X |
| Xeon Gold 5218R 20C 2.1GHz 125W | S26361-F4082-E818 | S26361-F4082-L818 | X | X |
| Xeon Gold 5220 18C 2.2GHz 125W | S26361-F4082-E220 | S26361-F4082-L220 | X | X |
| Xeon Gold 5220R 24C 2.2GHz 150W | S26361-F4082-E820 | S26361-F4082-L820 | X | X |
| Xeon Gold 5200 - Advanced AEP enabled | | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2933 MHz & UPI Bus @ 10.4 GT/s | | | | |
| Xeon Gold 5222 4C 3.8GHz 105W | S26361-F4082-E222 | S26361-F4082-L222 | X | X |
| Xeon Gold 6200 - Advanced AEP enabled | | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2933 MHz & UPI Bus @ 10.4 GT/s | | | | |
| Xeon Gold 6226 12C 2.7GHz 125W | S26361-F4082-E326 | S26361-F4082-L326 | X | X |
| Xeon Gold 6226R 16C 2.9GHz 150W | S26361-F4082-E826 | S26361-F4082-L826 | X | X |
| Xeon Gold 6230 20C 2.1GHz 125W | S26361-F4082-E330 | S26361-F4082-L330 | X | X |
| Xeon Gold 6230R 26C 2.1GHz 150W | S26361-F4082-E830 | S26361-F4082-L830 | X | X |
| Xeon Gold 6234 8C 3.4GHz 130W | S26361-F4082-E334 | S26361-F4082-L334 | X | X |
| Xeon Gold 6238 22C 2.1GHz 140W | S26361-F4082-E338 | S26361-F4082-L338 | X | X |
| Xeon Gold 6238R 28C 2.2GHz 165W | S26361-F4082-E838 | S26361-F4082-L838 | X | X |
| Xeon Gold 6240 18C 2.6GHz 150W | S26361-F4082-E340 | S26361-F4082-L340 | X | X |
| Xeon Gold 6240R 24C 2.4GHz 165W | S26361-F4082-E840 | S26361-F4082-L840 | X | X |
| Xeon Gold 6242 16C 2.8GHz 150W | S26361-F4082-E342 | S26361-F4082-L342 | X | X |
| Xeon Gold 6242R 20C 3.1GHz 205W | S26361-F4082-E842 | | | X |
| Xeon Gold 6244 8C 3.6GHz 150W | S26361-F4082-E344 | | | X |
| Xeon Gold 6246 12C 3.3GHz 165W | S26361-F4082-E346 | S26361-F4082-L346 | | X |
| Xeon Gold 6246R 16C 3.4GHz 205W | S26361-F4082-E846 | | | X |
| Xeon Gold 6248 20C 2.5GHz 150W | S26361-F4082-E348 | S26361-F4082-L348 | X | X |
| Xeon Gold 6248R 24C 3.0GHz 205W | S26361-F4082-E848 | | | X |
| Xeon Gold 6250 8C 3.9GHz 185W | S26361-F4082-E850 | | | X |
| Xeon Gold 6252 24C 2.1GHz 150W | S26361-F4082-E352 | S26361-F4082-L352 | X | X |
| Xeon Gold 6254 18C 3.1GHz 200W | S26361-F4082-E354 | | | X |
| Xeon Gold 6256 12C 3.6GHz 205W | S26361-F4082-E856 | | | X |
| Xeon Gold 6258R 28C 2.7GHz 205W | S26361-F4082-E858 | | | X |
| Xeon Platinum 8200 Advanced AEP enabled | | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2933 MHz & UPI Bus @ 10.4 GT/s | | | | |
| Xeon Platinum 8260 24C 2.4GHz 165W | S26361-F4082-E360 | S26361-F4082-L360 | X | X |
| Xeon Platinum 8268 24C 2.9GHz 205W | S26361-F4082-E368 | | | X |
| Xeon Platinum 8270 26C 2.7GHz 205W | S26361-F4082-E370 | | | X |
| Xeon Platinum 8276 28C 2.2GHz 165W | S26361-F4082-E376 | S26361-F4082-L376 | X | X |
| Xeon Platinum 8280 28C 2.7GHz 205W | S26361-F4082-E380 | | | X |
| Xeon Gold 5200M - Advanced (Shelf 3; 2.0TB p. Socket) | | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2666 MHz & UPI Bus @ 10.4 GT/s | | | | |
| Xeon Gold 5215M 10C 2.5GHz 85W | S26361-F4082-E415 | S26361-F4082-L415 | X | X |
| Xeon Gold 6200M - Advanced (Shelf 3; 2.0TB p. Socket) | | | | |

| | | | | |
|---|-------------------|-------------------|---|---|
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2933 MHz & UPI Bus @ 10.4 GT/s | | | | |
| Xeon Gold 6238M 22C 2.1GHz 140W | S26361-F4082-E438 | S26361-F4082-L438 | X | X |
| Xeon Gold 6240M 18C 2.6GHz 150W | S26361-F4082-E440 | S26361-F4082-L440 | X | X |

| | | | | |
|---|-------------------|-------------------|---|---|
| Xeon Platinum 8200M - Advanced (2.0 TB p. Socket) | | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2933 MHz & UPI Bus @ 10.4 GT/s | | | | |
| Xeon Platinum 8260M 24C 2.4GHz 165W | S26361-F4082-E460 | S26361-F4082-L460 | X | X |
| Xeon Platinum 8276M 28C 2.2GHz 165W | S26361-F4082-E476 | S26361-F4082-L476 | X | X |
| Xeon Platinum 8280M 28C 2.7GHz 205W | S26361-F4082-E480 | | | X |

B1

B1

| | | | | |
|---|-------------------|--|--|---|
| Xeon Gold 6200Y - Speed Select | | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2933 MHz & UPI Bus @ 10.4 GT/s | | | | |
| Xeon Gold 6240Y 8/14/18C 2.6GHz 150W | S26361-F4082-E640 | | | X |

| | | | | |
|---|-------------------|-------------------|---|---|
| Xeon Platinum 8200Y - Speed Select | | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2933 MHz & UPI Bus @ 10.4 GT/s | | | | |
| Xeon Platinum 8260Y 16/20/24C 2.4GHz 165W | S26361-F4082-E660 | S26361-F4082-L660 | X | X |

| | | | | |
|---|-------------------|-------------------|---|---|
| Xeon Gold 5200S - Serched Optimized | | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2666 MHz & UPI Bus @ 10.4 GT/s | | | | |
| Xeon Gold 5220S 18C 2.6GHz 125W | S26361-F4082-E221 | S26361-F4082-E221 | X | X |

| | | | | |
|---|-------------------|-------------------|---|---|
| Xeon Gold 6200V - VM Optimized | | | | |
| 64-bit Intel Xeon processor supporting HT*, DDR4 @ 2933 MHz & UPI Bus @ 10.4 GT/s | | | | |
| Xeon Gold 6222V 20C 1.8GHz 115W | S26361-F4082-E322 | S26361-F4082-L322 | X | X |
| Xeon Gold 6262V 24C 1.9GHz 135W | S26361-F4082-E362 | S26361-F4082-L362 | X | X |

| | | | | |
|---|-------------------|-------------------|---|--|
| Cooler Kit (see comment above; for upgrade please use according kit to the selected CPU) | | | | |
| Cooling Kit 2nd CPU | S26361-F3849-E100 | | X | |
| Cooling Kit for 2nd CPU (upgrade option for Standard BU) | | S26361-F4051-L950 | X | |

C



Chapter 4 - DDR4 System memory

C

Node CX2550 / CX2560 / CX2570 M5

16x DIMM configuration (Mix configuration for 1DPC / 2DPC)

There are different kinds of DDR4 Memory Modules available: RDIMM x4, RDIMM x8, LRDIMM. Mix of these different kind of memories is not allowed. In addition DCPMM (Data Center Persistent Memory) is available and can be mixed with all kind of memory modules.

Supported memory capacities per CPU:
 256 GB DDR4 RDIMM (8x 32GB 2Rx4)
 1.024 GB DDR4 LRDIMM (8x 128GB 4Rx4)
 1.792 GB with 6x DDR4 128GB & 2x DCPMM 512 GB (CPU type with "M" at the end is required)

Max memory capacity is 1.024GB/CPU. If >1.024GB/CPU is required, please take CPU type with "M" at the end.

Supported memory capacities per System:
 512 GB using RDIMM
 2.048 GB using LRDIMM technology with 128GB per module
 3.584 GB using LRDIMM technology with 128GB per module and 512 GB DCPMM

The memory speed is independent from the configuration (1DPC or 2DPC) but restricted by the CPU SKU (max. 2.933 MT/s). DDR4 memory is operated at 1.2V

i CX2550 M5/CX2550 M5 LC does not support Rank Sparing Mode / Mirrored Channel Mode

| | |
|---|------------------------------------|
| S26361-F3694-E10 | Independent Mode Installation |
| Independent Channel Mode allows all channels to be populated in any order. No specific Memory RAS features are defined | |
| Requires minimum 1 memory Module per CPU | |
| S26361-F3694-E1 | Rank Sparing Mode Installation |
| BIOS Setup factory preinstalled to this mode. One Rank is spare of other ranks on the same channel. Spare Rank is not shown in System Memory. For effective capacity within a channel, please have a look below. | |
| Not supported with DCPMM modules! | |
| Requires minimum 2x 1R/2R or 1x 4R/8R modules per CPU | |
| S26361-F3694-E2 | Performance Mode Installation |
| BIOS Setup factory preinstalled for maximum Performance, six identical memory modules will be equipped in one memory bank to achieve highest memory performance. All six modules are active and full capacity can be used. | |
| Not supported with DCPMM modules! | |
| Multiple of 6 identical modules to be configured per CPU | |
| S26361-F3694-E3 | Mirrored Channel Mode Installation |
| BIOS Setup factory preinstalled to this mode. Six identical memory modules are always equipped in one memory bank to use the Mirrored channel Mode. Only three modules contain active data, the remain three modules contain mirrored data. | |
| Not supported with DCPMM modules! | |
| Multiple of 6 identical modules to be configured per CPU | |

i Resulting memory capacity / Rank Sparing Mode, 1 Channel populated

| | RDIMM | | | | | | LRDIMM | | | | | |
|------|-------|----|------|----|------|----|--------|----|-------|----|-------|----|
| | 16GB | 1R | 16GB | 2R | 32GB | 2R | 64GB | 4R | 128GB | 4R | 128GB | 8R |
| 1DPC | | | 8GB | | 16GB | | 48GB | | 96GB | | 64GB | |

Restriction for ErP Lot9:

>> Xeon Bronze 3204 is not orderable.
 >> 1 DIMM configuration is not orderable.

These configuration is not allowed to ship in EU/EFTA countries to comply with ErP Lot 9 regulation.

| DDR4 rg 2933 x8x8 | | |
|------------------------------------|-------------------|-------------------|
| 8GB (1x8GB) 1Rx8 DDR4-2933 R ECC | S26361-F4083-E608 | S26361-F4083-L608 |
| 16GB (1x16GB) 2Rx8 DDR4-2933 R ECC | S26361-F4083-E616 | S26361-F4083-L616 |

| DDR4 rg 2933 x4x4 | | |
|------------------------------------|-------------------|-------------------|
| 16GB (1x16GB) 1Rx4 DDR4-2933 R ECC | S26361-F4083-E816 | S26361-F4083-L816 |
| 32GB (1x32GB) 2Rx4 DDR4-2933 R ECC | S26361-F4083-E832 | S26361-F4083-L832 |
| 64GB (1x64GB) 2Rx4 DDR4-2933 R ECC | S26361-F4083-E864 | S26361-F4083-L864 |

| DDR4 lr 2933 | | |
|---------------------------------------|-------------------|-------------------|
| 64GB (1x64GB) 4Rx4 DDR4-2933 LR ECC | S26361-F4083-E964 | S26361-F4083-L964 |
| 128GB (1x128GB) 4Rx4 DDR4-2933 LR ECC | S26361-F4083-E928 | S26361-F4083-L928 |

As soon as available

| DDR4 lr 2933 3DS | | |
|---------------------------------------|-------------------|-------------------|
| 128GB (1x128GB) 8Rx4 DDR4-2933 LR ECC | S26361-F4083-E929 | S26361-F4083-L929 |

DCPMM configuration section

- i** Only one type of DCPMM is allowed per system!
- Only one DCPMM package and one Memory package is allowed per CPU!
- Every CPU has to have the same DCPMM & Memory configuration!
- Liquid cooling base unit does not support DCPMM

| | | |
|---------------------------------------|-------------------|-------------------|
| DCPMM 128GB 2666 (Apache Pass) | | |
| 128GB (1x128GB) DCPMM-2666 | S26361-F4083-E501 | S26361-F4083-L501 |

| | | |
|--------------------------------------|-------------------|--|
| Available Memory Packages | | |
| 96GB (6x16GB) 1Rx4 DDR4-2933 R ECC | S26361-F4083-E817 | |
| 192GB (6x32GB) 2Rx4 DDR4-2933 R ECC | S26361-F4083-E833 | |
| 384GB (6x64GB) 4Rx4 DDR4-2933 LR ECC | S26361-F4083-E965 | |

| | | |
|---------------------------------------|-------------------|--|
| DCPMM 128GB 2666 (Apache Pass) | | |
| 256GB (2x128GB) DCPMM-2666 | S26361-F4083-E521 | |

| | | |
|--------------------------------------|-------------------|--|
| Available Memory Packages | | |
| 96GB (6x16GB) 1Rx4 DDR4-2933 R ECC | S26361-F4083-E817 | |
| 192GB (6x32GB) 2Rx4 DDR4-2933 R ECC | S26361-F4083-E833 | |
| 384GB (6x64GB) 4Rx4 DDR4-2933 LR ECC | S26361-F4083-E965 | |
| 64GB (4x16GB) 1Rx4 DDR4-2933 R ECC | S26361-F4083-E818 | |
| 128GB (4x32GB) 2Rx4 DDR4-2933 R ECC | S26361-F4083-E834 | |
| 256GB (4x64GB) 4Rx4 DDR4-2933 LR ECC | S26361-F4083-E966 | |

| | | |
|---------------------------------------|-------------------|-------------------|
| DCPMM 256GB 2666 (Apache Pass) | | |
| 256GB (1x256GB) DCPMM-2666 | S26361-F4083-E502 | S26361-F4083-L502 |

| | | |
|--------------------------------------|-------------------|--|
| Available Memory Packages | | |
| 96GB (6x16GB) 1Rx4 DDR4-2933 R ECC | S26361-F4083-E817 | |
| 192GB (6x32GB) 2Rx4 DDR4-2933 R ECC | S26361-F4083-E833 | |
| 384GB (6x64GB) 4Rx4 DDR4-2933 LR ECC | S26361-F4083-E965 | |

| | | |
|---------------------------------------|-------------------|--|
| DCPMM 256GB 2666 (Apache Pass) | | |
| 512GB (2x256GB) DCPMM-2666 | S26361-F4083-E522 | |

| | | |
|--------------------------------------|-------------------|--|
| Available Memory Packages | | |
| 96GB (6x16GB) 1Rx4 DDR4-2933 R ECC | S26361-F4083-E817 | |
| 192GB (6x32GB) 2Rx4 DDR4-2933 R ECC | S26361-F4083-E833 | |
| 384GB (6x64GB) 4Rx4 DDR4-2933 LR ECC | S26361-F4083-E965 | |
| 64GB (4x16GB) 1Rx4 DDR4-2933 R ECC | S26361-F4083-E818 | |
| 128GB (4x32GB) 2Rx4 DDR4-2933 R ECC | S26361-F4083-E834 | |
| 256GB (4x64GB) 4Rx4 DDR4-2933 LR ECC | S26361-F4083-E966 | |

| | | |
|---------------------------------------|-------------------|-------------------|
| DCPMM 512GB 2666 (Apache Pass) | | |
| 512GB (1x512GB) DCPMM-2666 | S26361-F4083-E503 | S26361-F4083-L503 |

| | | |
|--------------------------------------|-------------------|--|
| Available Memory Packages | | |
| 384GB (6x64GB) 4Rx4 DDR4-2933 LR ECC | S26361-F4083-E965 | |

| | | |
|---------------------------------------|-------------------|--|
| DCPMM 512GB 2666 (Apache Pass) | | |
| 1024GB (2x512GB) DCPMM-2666 | S26361-F4083-E523 | |

| | | |
|---------------------------------------|-------------------|--|
| Available Memory Packages | | |
| 96GB (6x16GB) 1Rx4 DDR4-2933 R ECC | S26361-F4083-E817 | |
| 192GB (6x32GB) 2Rx4 DDR4-2933 R ECC | S26361-F4083-E833 | |
| 384GB (6x64GB) 4Rx4 DDR4-2933 LR ECC | S26361-F4083-E965 | |
| 768GB (6x128GB) 8Rx4 DDR4-2933 LR ECC | S26361-F4083-E931 | |
| 64GB (4x16GB) 1Rx4 DDR4-2933 R ECC | S26361-F4083-E818 | |
| 128GB (4x32GB) 2Rx4 DDR4-2933 R ECC | S26361-F4083-E834 | |
| 256GB (4x64GB) 4Rx4 DDR4-2933 LR ECC | S26361-F4083-E966 | |

D

Detailed information

| Mode | Configuration | RDIMM | | Use case, advantage |
|--------------------------|----------------------------|-------|-----|---|
| | | x8 | x4 | |
| SDDC (chipkill) support | any | no | yes | supports detecting multi-bit errors |
| Independent channel mode | 1 or 2 Modules per Bank | yes | yes | offers max. flexibility, upgradeability, capacity |
| Mirrored channel mode *) | 6 identical Modules / Bank | no | yes | offers maximum security |
| Performance mode | 6 identical Modules / Bank | yes | yes | offers maximum performance and capacity |
| Rank sparing mode *) | min. 2 Ranks / Channel | no | yes | balances performance and capacity |

*) For the delivery ex factory the system will be prepared with dedicated BIOS setting.

For CX2550 M5 / CX2550 M5 LC / CX2560 M5 / CX2570 M5 LC

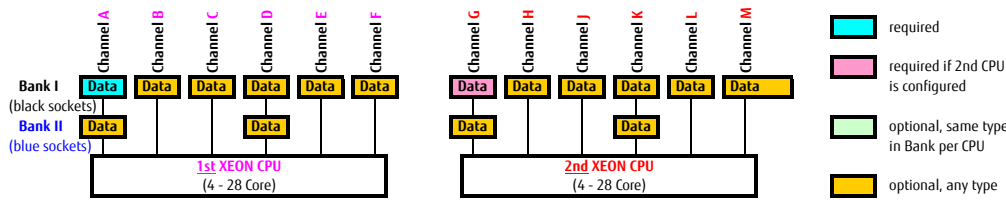
| Capacity | Configuration | RDIMM | LRDIMM | Notes |
|------------------------|---------------------|--------|---------|-----------------------------|
| Min. Memory per CPU | 1 Module / CPU | 1x8GB | 1x64GB | with one CPU |
| Max. Memory per CPU | 8 Modules / CPU | 8x32GB | 8x128GB | with one CPU |
| Max. Memory per System | 16 Modules / System | 512GB | 2,048GB | if second CPU is configured |

The memory sockets on the Systemboards are color coded

Bank I | black sockets | Bank II | blue sockets

Independent channel mode

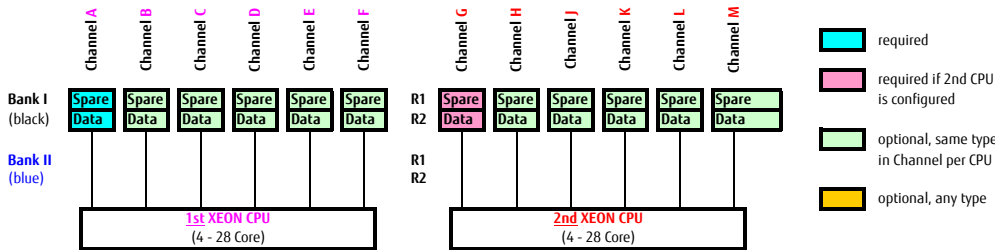
For Node CX2550/CX2560/CX2570 M5



Rank sparing mode --- 1-Rank Memory modules (RDIMM)

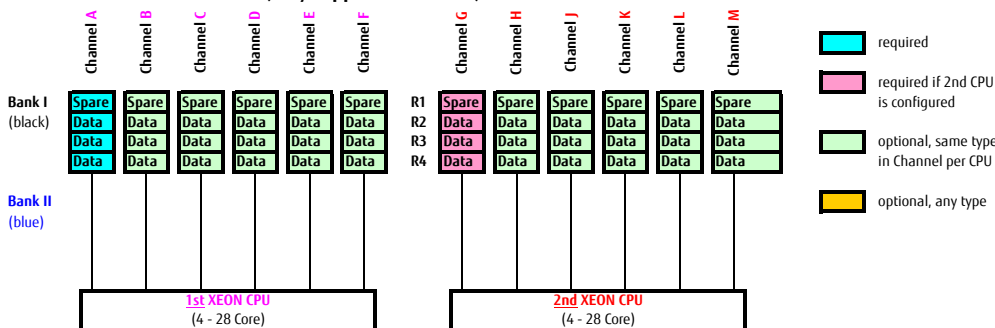
No support for 1 RANK Memory module

For Node CX2560/CX2570 M5 (only supported on 1DPC)



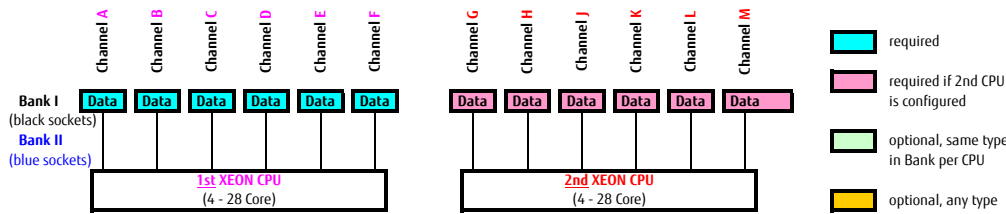
Rank sparing mode --- 4-Rank Memory modules (LRDIMM)

For Node CX2560/CX2570 M5 (only supported on 1DPC)

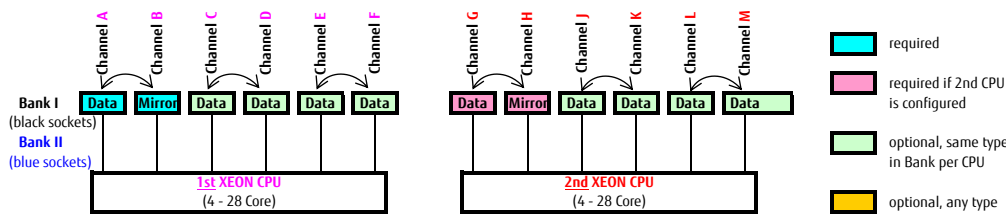


Performance Channel Mode

For Node CX2550/CX2560/CX2570 M5

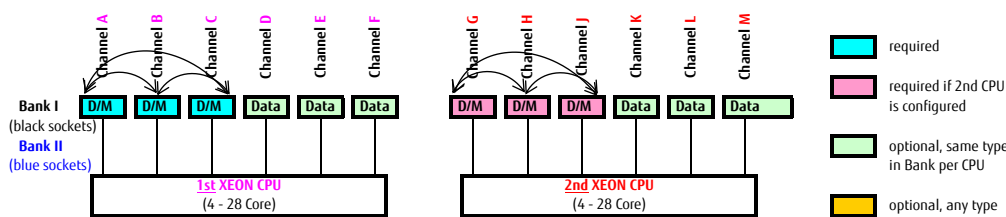


Mirror Channel Mode (2 DIMMS per CPU) For Node CX2560/CX2570 M5 (only supported on 1DPC)



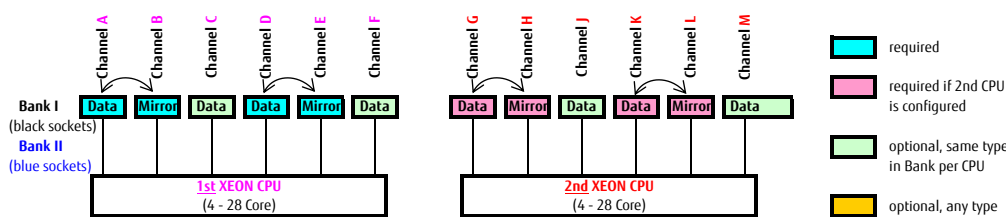
Mirrored Channel Mode (2 DIMMS per CPU) requires identical modules on channel A & B (1st CPU) or channel G & H (2nd CPU) 50% of the capacity is used for the mirror => the available memory for applications is only half of the installed memory. If this mode is used, a multiple of 2 identical modules has to be ordered.

Mirror Channel Mode (3 DIMMS per CPU) For Node CX2560/CX2570 M5 (only supported on 1DPC)



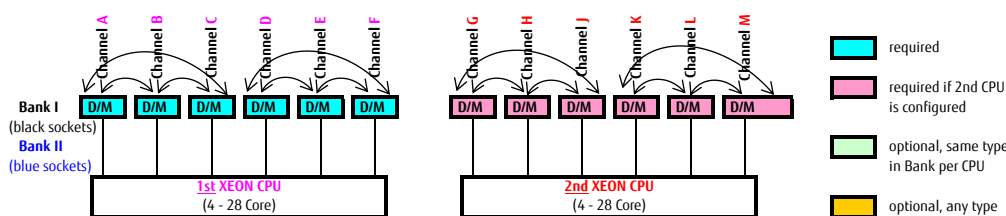
Mirrored Channel Mode (3 DIMMS per CPU) requires identical modules on channel A, B & C (1st CPU) or channel G, H & J (2nd CPU) 50% of the capacity is used for the mirror => the available memory for applications is only half of the installed memory. If this mode is used, a multiple of 3 identical modules has to be ordered.

Mirror Channel Mode (4 DIMMS per CPU) For Node CX2560/CX2570 M5 (only supported on 1DPC)



Mirrored Channel Mode (4 DIMMS per CPU) requires identical modules on channel A, B, D & E (1st CPU) or channel G, H, K & L (2nd CPU) 50% of the capacity is used for the mirror => the available memory for applications is only half of the installed memory. If this mode is used, a multiple of 4 identical modules has to be ordered.

Mirror Channel Mode (6 DIMMS per CPU) For Node CX2560/CX2570 M5 (only supported on 1DPC)



Mirrored Channel Mode requires identical modules on channel A, B, C, D, E, F (1st CPU) or channel G, H, J, K, L and M (2nd CPU) 50% of the capacity is used for the mirror => the available memory for applications is only half of the installed memory. If this mode is used, a multiple of 6 identical modules has to be ordered.

Released configurations with DCPMM modules per CPU

| Modes | iMC1 | | | | | | iMC0 | | | | | | |
|---------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|---------|
| | Channel 5 | | Channel 4 | | Channel 3 | | Channel 2 | | Channel 1 | | Channel 0 | | |
| | Bank II | Bank I | Bank II | Bank I | Bank II | Bank I | Bank II | Bank I | Bank II | Bank I | Bank II | Bank I | |
| AD | | 16 | | 16 | 128 | 16 | | 16 | | 16 | 128 | 16 | 2-1-1 |
| AD | | 32 | | 32 | 128 | 32 | | 32 | | 32 | 128 | 32 | 2-1-1 |
| AD | | 64 | | 64 | 128 | 64 | | 64 | | 64 | 128 | 64 | 2-1-1 |
| AD + MM | | 16 | | 16 | 256 | 16 | | 16 | | 16 | 256 | 16 | 2-1-1 |
| AD | | 32 | | 32 | 256 | 32 | | 32 | | 32 | 256 | 32 | 2-1-1 |
| AD | | 64 | | 64 | 256 | 64 | | 64 | | 64 | 256 | 64 | 2-1-1 |
| AD + MM | | 16 | | 16 | 512 | 16 | | 16 | | 16 | 512 | 16 | 2-1-1 |
| AD + MM | | 32 | | 32 | 512 | 32 | | 32 | | 32 | 512 | 32 | 2-1-1 |
| AD | | 64 | | 64 | 512 | 64 | | 64 | | 64 | 512 | 64 | 2-1-1 |
| AD | | 128 | | 128 | 512 | 128 | | 128 | | 128 | 512 | 128 | 2-1-1 |
| AD + MM | | 128 | | 16 | | 16 | | 128 | | 16 | | 16 | 1-1-1 |
| AD | | 128 | | 32 | | 32 | | 128 | | 32 | | 32 | 1-1-1 |
| AD | | 128 | | 64 | | 64 | | 128 | | 64 | | 64 | 1-1-1 |
| AD + MM | | 256 | | 16 | | 16 | | 256 | | 16 | | 16 | 1-1-1 |
| AD + MM | | 256 | | 32 | | 32 | | 256 | | 32 | | 32 | 1-1-1 |
| AD | | 256 | | 64 | | 64 | | 256 | | 64 | | 64 | 1-1-1 |
| AD + MM | | 512 | | 16 | | 16 | | 512 | | 16 | | 16 | 1-1-1 |
| AD + MM | | 512 | | 32 | | 32 | | 512 | | 32 | | 32 | 1-1-1 |
| AD + MM | | 512 | | 64 | | 64 | | 512 | | 64 | | 64 | 1-1-1 |
| AD | | 16 | | 16 | | 16 | | 16 | | 16 | 128 | 16 | 2/1-1-1 |
| AD | | 32 | | 32 | | 32 | | 32 | | 32 | 128 | 32 | 2/1-1-1 |
| AD | | 64 | | 64 | | 64 | | 64 | | 64 | 128 | 64 | 2/1-1-1 |
| AD | | 16 | | 16 | | 16 | | 16 | | 16 | 256 | 16 | 2/1-1-1 |
| AD | | 32 | | 32 | | 32 | | 32 | | 32 | 256 | 32 | 2/1-1-1 |
| AD | | 64 | | 64 | | 64 | | 64 | | 64 | 256 | 64 | 2/1-1-1 |
| AD | | 64 | | 64 | | 64 | | 64 | | 64 | 512 | 64 | 2/1-1-1 |

Chapter 5 - Graphics options

D

NVIDIA Tesla V100 for SXM2

Liquid cooling

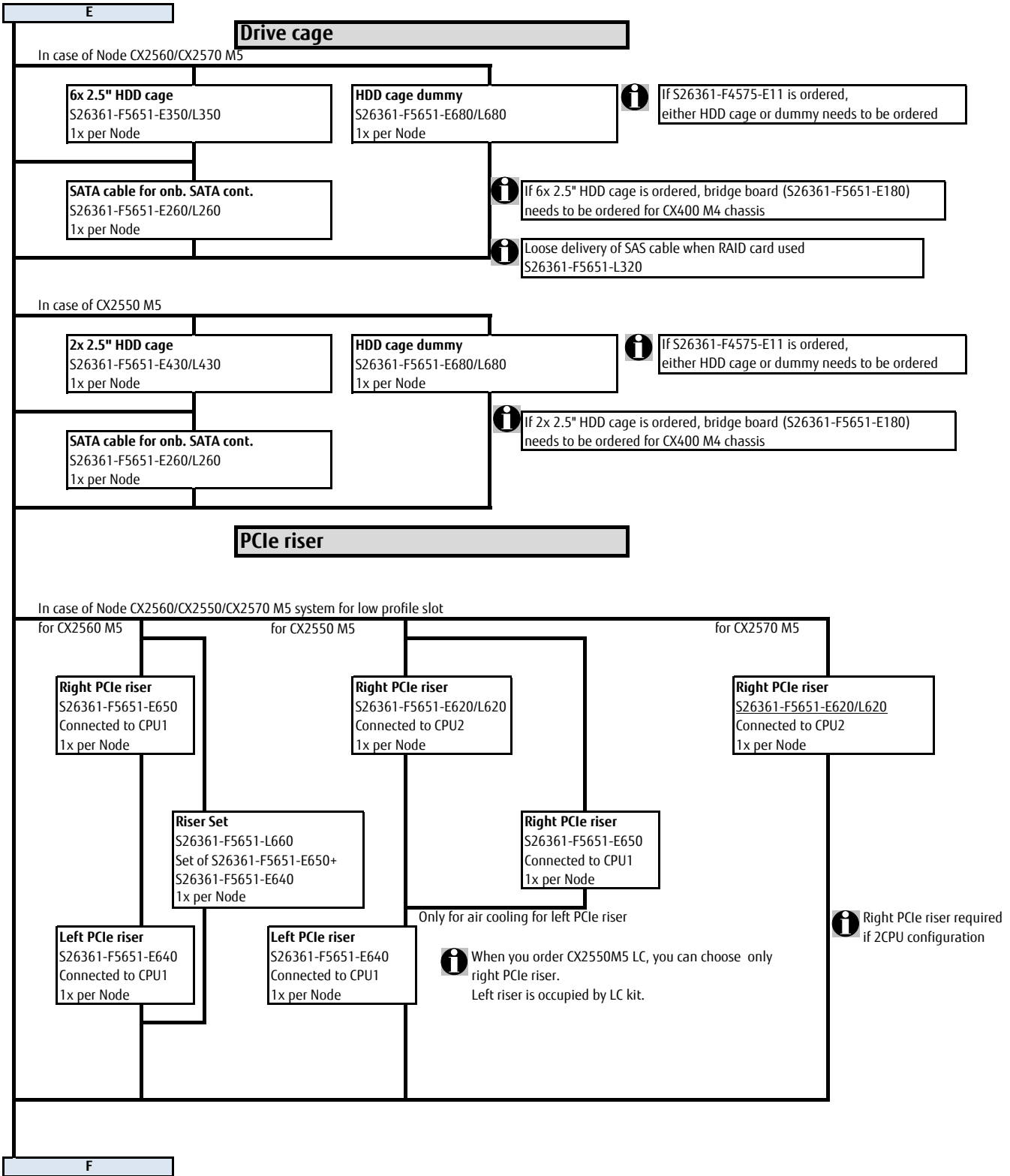
| |
|--|
| S26361-F4025-E202/L202 |
| PY NVIDIA Tesla V100 for SXM2 |
| NVIDIA Tesla V100 with 5120 graphic cores & 32GB HBM2 memory. NVLink |
| power cables from PSU need to be ordered separately. 2400 PSU is recommended |
| PCIe *16 (Gen3) - mezz type |
| Support OS is only RHEL7 |
| min./max. 4x per CX2570 M5 LC (SXM2) |



Basic unit for CX2570M5 (SXM2)
Always 4x SXM2 required

E

Chapter 6 - Drive cage and PCIe riser options



Chapter 7 - SAS / RAID Controller

G

onboard SATA controller with SW-RAID

[for all CX2550 / CX2560 / CX2570 M5](#)

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

Note: Not possible to use Software RAID with RHEL 7.6!

internal HBA and RAID controller, no 2nd Level cache

[Support for CX2550 / CX2560 Air cooling](#)

Note: Not possible to connect HSGT Bear Cove Plus!

| internal drive RAID / HBA controllers for SAS, SATA HDD or SSD drives | | | | | |
|--|----------|--------------------------|----|-----------------|-------------------|
| PRAID CP400i RAID Contr. | No Cache | RAID 0, 1, 1E, 10, 5, 50 | 1x | S26361-F3842-E1 | S26361-F3842-L501 |
| PSAS CP400i HBA SAS Contr. | No Cache | HBA + RAID 0, 1 | 1x | S26361-F3842-E2 | S26361-F3842-L502 |
| 8 ports 3, 6 & 12Gb/s SAS/SATA HDD/ SSD, supports up to 8 devices without expander requires 1x LP PCIe 3.0 x8 (int.) slot, based on LSI SAS3008 | | | | | |
| PSAS CP403i HBA SAS Contr. | No Cache | HBA | 1x | S26361-F3842-E3 | S26361-F3842-L503 |
| 8 ports 3, 6 & 12Gb/s SAS/SATA HDD/ SSD, supports up to 8 devices without expander requires 1x LP PCIe 3.0 x8 (int.) slot, based on LSI SAS3008; IT FW stack without RAID functionality; released for VMWare vSAN / vSphere | | | | | |

internal RAID controller with 2nd Level cache 1GB, 2GB

[Support for CX2550 / CX2560 cooling](#)

[FBU is supported only for CX2560](#)

| internal drive RAID / SAS, SATA controllers with Cache and opt. TFM module + Flash Backup Unit and opt. Advanced SW Options | | | | | |
|--|---|--------------------------|----|--------------------|--------------------|
| PRAID EP400i RAID Contr. | 1GB Cache | RAID 0,1,1E,10,5,50,6,60 | 1x | S26361-F5243-E11 | S26361-F5243-L11 |
| 8 ports 3, 6 & 12Gb/s SAS/SATA HDD/ SSD, supports up to 8 devices without expander requires 1x LP PCIe 3.0 x8 (int.) slot, based on LSI SAS3108 | | | | | |
| optional Licence Activation Key, a free of charge test licence is available at PRIMERGY-PM, FastPath is included in Controller FW | | | | | |
| RAID Advanced SW Option CacheCade ®Broadcom: SSD-cache-based HDD acceleration | | | 1x | S26361-F5243-E670 | S26361-F5243-L670 |
| optional Transportable Flash module (TFM) and Flash Backup Unit (FBU), both components required | | | | | |
| TFM module for 1GB Cache | NV-RAM & FBU control logic | | 1x | S26361-F5243-E100 | S26361-F5243-L100 |
| FBU Option for PRAID EP4xx | Supercap securing the power supply of the RAID controller in case of power failure including cable with 55cm length | | 1x | S26361-F5243-E156 | S26361-F5243-L112 |
| PRAID EP420i RAID Contr. | 2GB Cache | RAID 0,1,1E,10,5,50,6,60 | 1x | S26361-F5243-E12 | S26361-F5243-L12 |
| PRAID EP420i for SafeStore R. Contr. | 2GB Cache | RAID 0,1,1E,10,5,50,6,60 | 1x | S26361-F5243-E14** | S26361-F5243-L14** |
| 8 ports 3, 6 & 12Gb/s SAS/SATA HDD/ SSD, supports up to 8 devices without expander requires 1x LP PCIe 3.0 x8 (int.) slot, based on LSI SAS3108 | | | | | |
| optional Licence Activation Key, a free of charge test licence is available at PRIMERGY-PM, FastPath is included in Controller FW | | | | | |
| RAID Advanced SW Option CacheCade ®Broadcom: SSD-cache-based HDD acceleration | | | 1x | S26361-F5243-E670 | S26361-F5243-L670 |
| optional TFM module and Flash Backup Unit (FBU), both components required | | | | | |
| TFM module for 2GB Cache | NV-RAM & FBU control logic | | 1x | S26361-F5243-E200 | S26361-F5243-L200 |
| FBU Option for PRAID EP4xx | Supercap securing the power supply of the RAID controller in case of power failure including cable with 55cm length | | 1x | S26361-F5243-E156 | S26361-F5243-L112 |

Note: If you would like to order FBU option, 2nd CPU must be installed to Node.

Check: the FBU can / cannot be combined with Advanced Thermal design.
Check: how many FBU can be integrated per System

CacheCade + FastPath is supported
SafeStore + FastPath is supported

G

external SAS controller

****It is strongly recommended to order SafeStore (SED) RAID controller with SED HDD or SSD devices for SafeStore (SED) functionality**
Support for CX2550 / CX2560 Air cooling

HBA controller for ext. drives SAS, SATA HDD or SSD drives

| | | | | | |
|--|----------|--------------|----|--------------------------|--------------------------|
| PSAS CP400e HBA SAS Contr. LP | No Cache | HBA, no RAID | 2x | S26361-F3845-E201 | S26361-F3845-L501 |
| 8 ports 3, 6 & 12Gb/s SAS/SATA HDD/ SSD, 2x SFF8644 (external Mini-SAS HD) requires 1x LP PCIe 3.0 x8 (int.) slot, based on LSI SAS3008 | | | | | |

RAID / SAS, SATA controllers for external drives with Cache and opt. Flash Backup Unit

| | | | | | |
|---|-----------|--------------------------|----|--------------------------|--------------------------|
| PRAID EP540e RAID Contr. LP | 4GB Cache | RAID 0,1,1E,10,5,50,6,60 | 1x | S26361-F4063-E204 | S26361-F4063-L504 |
| 8 ports 3, 6 & 12Gb/s SAS/SATA HDD/ SSD, 2x SFF8644 (external Mini-SAS HD) includes Fastpath and SafeStore Advanced SW-Licence requires 1x LP PCIe 3.0 x8 (int.) slot, based on LSI SAS3516 | | | | | |
| optional Flash Backup Unit (FBU), Transportable Flash module (TFM) is already included | | | | | |
| FBU Option for PRAID EP5xx for base V101: Supercap securing the power supply of the RAID controller in case of power failure including cable with 25cm lenght | | | 1x | S26361-F4042-E125 | S26361-F4042-L110 |
| FBU Option for PRAID EP5xx for base V301,V501: Supercap securing the power supply of the RAID contr. in case of power failure including cable with 70cm lenght | | | 1x | S26361-F4042-E170 | S26361-F4042-L110 |

Note:If you would like to order FBU option, 2nd CPU must be installed to Node.

H

Chapter 8 - ODD optical disk drives

No internal ODD support

1

Chapter 9 - backup drives

No internal backup drive support

L

Chapter 10 - storage drives

H

SAS drives and SATA drives can be mixed, but cannot be used in one logical RAID volume.
 SATA drives can be connected to the onboard Controller (max. 8x).
 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 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>
 DWPDP (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:
 Business-Critical (BC) -SATA=Nearline SATA Enterprise Drives / 7.2Krpm, SATA 6G.
 Business-Critical (BC) -SAS=Nearline SAS 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.

2.5" (SFF) SAS and SATA

| SSD SAS 2.5" Write Intensive (SFF) Enterprise with hot plug/hot replace tray | | | | | | | Toshiba Phoenix-M5 | |
|--|------------|------------|-----------------|------|-------------------|-------------------|--------------------|--|
| Capacity | Formfactor | Interface | Endurance | DWPD | order code E-part | order code L-part | | |
| 400GB | 2.5" (SFF) | SAS 12Gb/s | Write Intensive | 10 | S26361-F5710-E400 | S26361-F5710-L400 | | |
| 800GB | 2.5" (SFF) | SAS 12Gb/s | Write Intensive | 10 | S26361-F5710-E800 | S26361-F5710-L800 | | |
| 1.6TB | 2.5" (SFF) | SAS 12Gb/s | Write Intensive | 10 | S26361-F5710-E160 | S26361-F5710-L160 | | |
| 400GB | 2.5" (SFF) | SAS 12Gb/s | Write Intensive | 10 | S26361-F5711-E400 | S26361-F5711-L400 | SED | |
| 800GB | 2.5" (SFF) | SAS 12Gb/s | Write Intensive | 10 | S26361-F5711-E800 | S26361-F5711-L800 | SED | |
| 1.6TB | 2.5" (SFF) | SAS 12Gb/s | Write Intensive | 10 | S26361-F5711-E160 | S26361-F5711-L160 | SED | |

max. 4x - CX2560 M5 / CX2570 M5 with air cooling, **Mixing with other HDD.SSD is not possible**

| SSD SAS 2.5" Mixed Use (SFF) Enterprise with hot plug/hot replace tray | | | | | | | HGST Bear Cove Plus | |
|--|------------|------------|-----------|------|-------------------|-------------------|---------------------|--|
| Capacity | Formfactor | Interface | Endurance | DWPD | order code E-part | order code L-part | | |
| 400GB | 2.5" (SFF) | SAS 12Gb/s | Mixed Use | 3 | S26361-F5713-E400 | S26361-F5713-L400 | | |
| 800GB | 2.5" (SFF) | SAS 12Gb/s | Mixed Use | 3 | S26361-F5713-E800 | S26361-F5713-L800 | | |
| 1.6TB | 2.5" (SFF) | SAS 12Gb/s | Mixed Use | 3 | S26361-F5713-E160 | S26361-F5713-L160 | | |
| 3.2TB | 2.5" (SFF) | SAS 12Gb/s | Mixed Use | 3 | S26361-F5713-E320 | S26361-F5713-L320 | | |
| 6.4TB | 2.5" (SFF) | SAS 12Gb/s | Mixed Use | 3 | S26361-F5713-E640 | S26361-F5713-L640 | | |

max. 6x - CX2560 M5 / CX2570 M5 with air cooling

| SSD SAS 2.5" Read Intensive (SFF) Enterprise with hot plug/hot replace tray | | | | | | | HGST Bear Cove Plus | |
|---|------------|------------|----------------|------|-------------------|-------------------|---------------------|--|
| Capacity | Formfactor | Interface | Endurance | DWPD | order code E-part | order code L-part | | |
| 480GB | 2.5" (SFF) | SAS 12Gb/s | Read Intensive | 1 | S26361-F5715-E480 | S26361-F5715-L480 | | |
| 960GB | 2.5" (SFF) | SAS 12Gb/s | Read Intensive | 1 | S26361-F5715-E960 | S26361-F5715-L960 | | |
| 1.92TB | 2.5" (SFF) | SAS 12Gb/s | Read Intensive | 1 | S26361-F5715-E192 | S26361-F5715-L192 | | |
| 3.84TB | 2.5" (SFF) | SAS 12Gb/s | Read Intensive | 1 | S26361-F5715-E384 | S26361-F5715-L384 | | |
| 7.68TB | 2.5" (SFF) | SAS 12Gb/s | Read Intensive | 1 | S26361-F5715-E768 | S26361-F5715-L768 | | |
| 15.36TB | 2.5" (SFF) | SAS 12Gb/s | Read Intensive | 1 | S26361-F5715-E153 | S26361-F5715-L153 | | |

max. 6x - CX2560 M5 / CX2570 M5 with air cooling

| SSD SATA 2.5" Mixed Use (SFF) Enterprise with hot plug/hot replace tray | | | | | | | Samsung SM883 | |
|---|------------|------------|-----------|------|-------------------|-------------------|---------------|--|
| Capacity | Formfactor | Interface | Endurance | DWPD | order code E-part | order code L-part | | |
| 240GB | 2.5" (SFF) | SATA 6Gb/s | Mixed Use | 3.6 | S26361-F5675-E240 | S26361-F5675-L240 | | |
| 480GB | 2.5" (SFF) | SATA 6Gb/s | Mixed Use | 3.6 | S26361-F5675-E480 | S26361-F5675-L480 | | |
| 960GB | 2.5" (SFF) | SATA 6Gb/s | Mixed Use | 3 | S26361-F5588-E960 | S26361-F5588-L960 | | |
| 1.92TB | 2.5" (SFF) | SATA 6Gb/s | Mixed Use | 3 | S26361-F5588-E192 | S26361-F5588-L192 | | |
| 3.84TB | 2.5" (SFF) | SATA 6Gb/s | Mixed Use | 3.6 | S26361-F5588-E384 | S26361-F5588-L384 | | |

max. 6x - CX2560 M5 / CX2570 M5, max. 2x - CX2550 M5

| SSD SATA 2.5" Read Intensive (SFF) Enterprise with hot plug/hot replace tray | | | | | | | Micron 5100/5200 | |
|--|------------|------------|----------------|------|-------------------|-------------------|------------------|--|
| Capacity | Formfactor | Interface | Endurance | DWPD | order code E-part | order code L-part | | |
| 240GB | 2.5" (SFF) | SATA 6Gb/s | Read Intensive | 1.4 | S26361-F5701-E240 | S26361-F5701-L240 | | |
| 480GB | 2.5" (SFF) | SATA 6Gb/s | Read Intensive | 0.9 | S26361-F5701-E480 | S26361-F5701-L480 | | |
| 960GB | 2.5" (SFF) | SATA 6Gb/s | Read Intensive | 0.9 | S26361-F5701-E960 | S26361-F5701-L960 | | |
| 1.92TB | 2.5" (SFF) | SATA 6Gb/s | Read Intensive | 0.9 | S26361-F5701-E192 | S26361-F5701-L192 | | |
| 3.84TB | 2.5" (SFF) | SATA 6Gb/s | Read Intensive | 1.0 | S26361-F5701-E384 | S26361-F5701-L384 | | |
| 7.68TB | 2.5" (SFF) | SATA 6Gb/s | Read Intensive | 0.5 | S26361-F5701-E768 | S26361-F5701-L768 | | |

max. 6x - CX2560 M5 / CX2570 M5, max. 2x - CX2550 M5

I

I

2.5" (SFF) Hard drives

Note: If HDD selected, CPU must be below 140W and Ambient temperature is below 30 deg-C.

| HDD SAS 2.5" 15K (SFF) Enterprise Mission Critical with hot plug/hot replace tray | | | | | | |
|--|--------|------------|--------|--|-------------------|-------------------|
| Capacity | RPM | Interface | Sector | | order code E-part | order code L-part |
| 300GB | 15 000 | SAS 12Gb/s | 512n | | S26361-F5531-E530 | S26361-F5531-L530 |
| 600GB | 15 000 | SAS 12Gb/s | 512n | | S26361-F5531-E560 | S26361-F5531-L560 |
| 900GB | 15 000 | SAS 12Gb/s | 512n | | S26361-F5531-E590 | S26361-F5531-L590 |

max. 6x - CX2560 M5

Note: If HDD selected, CPU must be below 140W and Ambient temperature is below 30 deg-C.

| HDD SAS 2.5" 10K 512n (SFF) Enterprise Mission Critical with hot plug/hot replace tray | | | | | | |
|---|--------|------------|--------|-----|-------------------|-------------------|
| Capacity | RPM | Interface | Sector | | order code E-part | order code L-part |
| 600GB | 10 000 | SAS 12Gb/s | 512n | | S26361-F5720-E160 | S26361-F5720-L160 |
| 900GB | 10 000 | SAS 12Gb/s | 512n | | S26361-F5550-E190 | S26361-F5550-L190 |
| 1.2TB | 10 000 | SAS 12Gb/s | 512n | | S26361-F5550-E112 | S26361-F5550-L112 |
| 300GB | 10 000 | SAS 12Gb/s | 512n | SED | S26361-F5581-E130 | S26361-F5581-L130 |

max. 6x - CX2560 M5

Note: If HDD selected, CPU must be below 140W and Ambient temperature is below 30 deg-C.

| HDD SAS 2.5" 10K 512e (SFF) Enterprise Mission Critical with hot plug/hot replace tray | | | | | | |
|---|--------|------------|--------|--|-------------------|-------------------|
| Capacity | RPM | Interface | Sector | | order code E-part | order code L-part |
| 900GB | 10 000 | SAS 12Gb/s | 512e | | S26361-F5543-E190 | S26361-F5543-L190 |
| 1.2TB | 10 000 | SAS 12Gb/s | 512e | | S26361-F5543-E112 | S26361-F5543-L112 |
| 1.8TB | 10 000 | SAS 12Gb/s | 512e | | S26361-F5543-E118 | S26361-F5543-L118 |

max. 6x - CX2560 M5

Note: If HDD selected, CPU must be below 140W and Ambient temperature is below 30 deg-C.

| HDD SAS 2.5" 7.2K 512n (SFF) Enterprise Business Critical with hot plug/hot replace tray | | | | | | |
|---|-------|------------|--------|--|-------------------|-------------------|
| Capacity | RPM | Interface | Sector | | order code E-part | order code L-part |
| 1TB | 7 200 | SAS 12Gb/s | 512n | | S26361-F5600-E100 | S26361-F5600-L100 |

max. 6x - CX2560 M5

Note: If HDD selected, CPU must be below 140W and Ambient temperature is below 30 deg-C.

| HDD SATA 2.5" 7.2K 512n (SFF) Enterprise Business Critical with 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-F3956-E100 | S26361-F3956-L100 |

max. 6x - CX2560 M5 / CX2570 M5, max. 2x - CX2550 M5

Note: If HDD selected, CPU must be below 140W and Ambient temperature is below 30 deg-C.

| HDD SATA 2.5" 7.2K 512e (SFF) Enterprise Business Critical with 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-F3907-E100 | S26361-F3907-L100 |
| 2TB | 7 200 | SATA 6Gb/s | 512e | | S26361-F3907-E200 | S26361-F3907-L200 |

max. 6x - CX2560 M5 / CX2570 M5, max. 2x - CX2550 M5

J

J

M.2 SATA SSD

SSD SATA M.2 drive for booting, non hot-plug, for VMware ESXi

| Capacity | Formfactor | Interface | DWPD | Category | order code E-part | order code L-part |
|----------|------------|------------|------|----------|-------------------|-------------------|
| 32GB | M.2 | SATA 6Gbps | | Boot | S26361-F5657-E32 | S26361-F5657-L32 |

M.2 drive is designed for use as a VMware ESXi boot drive.

2x M.2 drive for any Hypervisor by the onboard chipset Software RAID is not supported.

max. 1x - CX2560 M5; connector located on Motherboard. VMware ESXi is only supported.

M.2 drive for VMware ESXi and for other OSs cannot be mixed

SSD SATA M.2 drive for booting, non hot-plug

| Capacity | Formfactor | Interface | DWPD | Category | order code E-part | order code L-part |
|----------|------------|------------|------|----------|-------------------|-------------------|
| 128GB | M.2 | SATA 6Gbps | 0.13 | Boot | S26361-F5658-E128 | S26361-F5658-L128 |

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 - CX2550 M5 / CX2560 M5 / CX2570 M5; connector located on Motherboard. VMware is not supported.

SSD SATA M.2 drive for booting, non hot-plug

| Capacity | Formfactor | Interface | DWPD | Category | order code E-part | order code L-part |
|----------|------------|------------|------|----------|-------------------|-------------------|
| 256GB | M.2 | SATA 6Gbps | | Boot | S26361-F5658-E256 | S26361-F5658-L256 |

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 - CX2550 M5 / CX2560 M5 / CX2570 M5; connector located on Motherboard. VMware is not supported.

Dual microSD

Dual microSD and M.2 drive cannot be mixed

Dual microSD Enterprise for booting, non hot-plug, for VMware ESXi

| Capacity | Formfactor | Interface | DWPD | Category | order code E-part | order code L-part |
|----------|------------|-----------|------|----------|-------------------|-------------------|
| 64GB | microSD | USB | | Boot | TBD | TBD |

Dual microSD is designed for use as a VMware ESXi boot drive. Only the standardly equipped microSD are supported.

Dual microSD offers Hardware-mirrored (RAID1) flash boot device for VMware ESXi, which cannot be supported by M.2.

vSAN can be booted in case ESXi host has 512 GB of memory or less. Even in case 512 GB or more, if vSAN is 6.5 or later, it can be

booted by resizing the core dump partition on ESXi hosts. For more information, see the VMware knowledge base article at

<http://kb.vmware.com/kb/2147881>.

max. 1x - CX2560 M5 / CX2570 M5; connector located on Motherboard. VMware ESXi is only supported.

2.5" (SFF) PCIe-SSD

Intel P4600

PCIe-SSD 2.5" Mixed Use (SFF) Enterprise with hot plug/hot replace tray

| Capacity | Formfactor | Interface | Endurance | DWPD | order code E-part | order code L-part |
|----------|------------|------------|-----------|------|-------------------|-------------------|
| 1.6TB | 2.5" (SFF) | PCIe3.0 x4 | Mixed Use | 3.0 | S26361-F5648-E160 | S26361-F5648-L160 |
| 3.2TB | 2.5" (SFF) | PCIe3.0 x4 | Mixed Use | 3.1 | S26361-F5648-E320 | S26361-F5648-L320 |
| 6.4TB | 2.5" (SFF) | PCIe3.0 x4 | Mixed Use | 3.2 | S26361-F5648-E640 | S26361-F5648-L640 |

max. 2x - CX2560 M5 / CX2570 M5 with air and liquid cooling

Intel P4610

PCIe-SSD 2.5" Mixed Use (SFF) Enterprise with hot plug/hot replace tray

| Capacity | Formfactor | Interface | Endurance | DWPD | order code E-part | order code L-part |
|----------|------------|------------|-----------|------|-------------------|-------------------|
| 1.6TB | 2.5" (SFF) | PCIe3.0 x4 | Mixed Use | 4.1 | S26361-F5737-E160 | S26361-F5737-L160 |
| 3.2TB | 2.5" (SFF) | PCIe3.0 x4 | Mixed Use | 3.7 | S26361-F5737-E320 | S26361-F5737-L320 |
| 6.4TB | 2.5" (SFF) | PCIe3.0 x4 | Mixed Use | 3.1 | S26361-F5737-E640 | S26361-F5737-L640 |

max. 2x - CX2560 M5 / CX2570 M5 with air and liquid cooling

Intel P4510

PCIe-SSD 2.5" Mixed Use (SFF) Enterprise with hot plug/hot replace tray

| Capacity | Formfactor | Interface | Endurance | DWPD | order code E-part | order code L-part |
|----------|------------|------------|-----------|------|-------------------|-------------------|
| 1.0TB | 2.5" (SFF) | PCIe3.0 x4 | Mixed Use | 1.0 | S26361-F5738-E100 | S26361-F5738-L100 |
| 2.0TB | 2.5" (SFF) | PCIe3.0 x4 | Mixed Use | 0.7 | S26361-F5738-E200 | S26361-F5738-L200 |
| 4.0TB | 2.5" (SFF) | PCIe3.0 x4 | Mixed Use | 0.8 | S26361-F5738-E400 | S26361-F5738-L400 |

max. 2x - CX2560 M5 / CX2570 M5 with air and liquid cooling

K

Chapter 11 - LAN Components

Default: 1x RJ45 1GbE ports on systemboard

x1 Dynamic LoM OCP PHY/PCIe interface cards

For CX2560/CX2570

| Interface card to provide the external connectors for on-board LAN | | | |
|--|--|-------------------|-------------------|
| PLAN EM 4x 1Gb T OCP interface Intel | 4x RJ45 plug for 1000BASE-T | S26361-F5651-E530 | S26361-F5651-L530 |
| PLAN EM 2x 10Gb T OCP interface Intel | 2x RJ45 plug for 10GBASE-T | S26361-F5651-E540 | S26361-F5651-L540 |
| PLAN EM 2x 10GB SFP+ OCP interface Intel | 2x SFP+ cages for SFP+ optical transceivers or twinax cables | S26361-F5651-E510 | S26361-F5651-L510 |
| PLAN EM 4x 10GB SFP+ OCP interface Intel | 4x SFP+ cages for SFP+ optical transceivers or twinax cables | S26361-F5651-E550 | S26361-F5651-L550 |

Optional for products with SFP+ cages: SFP+ optical transceiver modules or twinax cables

| | | | | |
|--|----------|--|--------------------|--------------------------------------|
| SFP+ Optical Transceiver 10G/1G Dual Rate SR | 2x .. 4x | LC, MMF / SR SFP+ module, up to 400m, Intel | S26361-F3986-E5 | S26361-F3986-L5 |
| SFP+ Optical Transceiver 10G/1G Dual Rate LR | 2x .. 4x | LC, SMF / LR SFP+ module, up to 10km, Intel | S26361-F3986-E6 | S26361-F3986-L6 |
| SFP+ Optical Transceiver 10G Single Rate SR | 2x .. 4x | LC, MMF / SR SFP+ module, up to 400m, Finisar | S26361-F3986-E3 | S26361-F3986-L3 |
| SFP+ Optical Transceiver 10G Single Rate LR | 2x .. 4x | LC, SMF / LR SFP+ module, up to 10km, Finisar | S26361-F3986-E4 | S26361-F3986-L4 |
| Twinax Anschlussplatz Primergy | 2x .. 4x | virtual connector for twinax cables | V:TWX CONNECTOR-PY | |
| SFP+ active Twinax Cable Fujitsu | 2x .. 4x | customized cable length (best fitting cable length is defined during rack installation at the factory) | S26361-F3989-E600 | see table at the bottom of this page |
| SFP+ active Twinax Cable Brocade | 2x .. 4x | | S26361-F3873-E500 | |

max. 1x per cage

For CX2550/CX2560/CX2570

| | | | |
|-----------------------------------|------------------------------------|-------------------|-------------------|
| PLAN EP MCX4-LX 25Gb 2p SFP28 OCP | Dual Port NIC, RoCE RDMA, Mellanox | S26361-F4054-E302 | S26361-F4054-L302 |
|-----------------------------------|------------------------------------|-------------------|-------------------|

Optional, 25Gb SFP28 Optical Transceiver module with LC connector or 25G DAC or 25G AOC for PLAN EP MCX4-LX 25Gb 2p SFP28 OCP

| | | | | |
|---|----|---|------------------------|-------------------|
| SFP28 Optical Transceiver 25G SR MMA2P00-AS LC | 2x | MMF / SR SFP28 module, Mellanox. Max reach supported 100m | S26361-F4054-E701 | S26361-F4054-L701 |
| SFP28 Optical Transceiver 25G SR E25GSFP28SR LC | 2x | MMF / SR SFP28 module, Intel. Max reach supported 30m | S26361-F4055-E701 | S26361-F4055-L701 |
| "Virtual Connector" for DAC/AOC cables | 2x | Enablement for System Architect | V:DAC/AOC-CONNECTOR-25 | |
| 25G DAC - Brocade | 2x | DAC are not in Fujitsu's portfolio yet. Thus, test only and purchase from switch vendors. | | |
| 25G DAC - Cisco | 2x | | | |
| 25G DAC - Intel | 2x | | | |
| 25G AOC - Brocade | 2x | AOC are not in Fujitsu's portfolio yet. Thus, test only and purchase from switch vendors. | | |
| 25G AOC - Cisco | 2x | | | |
| 25G AOC - Intel | 2x | | | |

Max. 2x SFP28 or DAC/AOC Cable per PLAN EP MCX4-LX 25Gb 2p SFP28 OCP

For CX2550/CX2560/CX2570

| | | | |
|--------------------------------------|----------------------|-------------------|-------------------|
| PLAN EP XXV710-DA2 2x25Gb OCP Type 1 | Dual Port NIC, Intel | S26361-F4055-E302 | S26361-F4055-L302 |
|--------------------------------------|----------------------|-------------------|-------------------|

Optional, 25G DAC or 25G AOC for PLAN EP XXV710-DA2

| | | | | |
|--|----|---|------------------------|--|
| "Virtual Connector" for DAC/AOC cables | 2x | Enablement for System Architect | V:DAC/AOC-CONNECTOR-25 | |
| 25G DAC - Brocade | 2x | DAC are not in Fujitsu's portfolio yet. Thus, test only and purchase from switch vendors. | | |
| 25G DAC - Cisco | 2x | | | |
| 25G DAC - Intel | 2x | | | |
| 25G AOC - Brocade | 2x | AOC are not in Fujitsu's portfolio yet. Thus, test only and purchase from switch vendors. | | |
| 25G AOC - Cisco | 2x | | | |
| 25G AOC - Intel | 2x | | | |

Max. 2x 25G DAC or 25G AOC Cable per PLAN EP XXV710-DA2 2x25Gb OCP Type 1. Use of SFP28 optical transceivers not allowed.

1Gb Ethernet network components

| 1Gb Ethernet controller with RJ45 interface (1000BASE-T) | | | | |
|--|---------|---------------|-------------------|-------------------|
| PLAN CP 2x1Gbit Cu Intel I350-T2 LP | Up to 2 | 2 port, Intel | S26361-F4610-E202 | S26361-F4610-L502 |
| PLAN CP 4x1Gbit Cu Intel I350-T4 LP | Up to 2 | 4 port, Intel | S26361-F4610-E204 | S26361-F4610-L504 |

*max. 1 for CX2570 M5, max. 2 for CX2550/CX2560 M5

10Gb Ethernet network components

| 10Gb Ethernet controller with RJ45 interface (10GBASE-T) | | | | |
|--|----|--|--------------------|--------------------------------------|
| PLAN EP X550-T2 2x10GBASE-T LP | * | 2 port 10 Gbit Intel X550-T2 (Sageville) | S26361-F3948-E202 | S26361-F3948-L502 |
| PLAN EP X710-T4 4x10GBASE-T LP | * | 4 port 10 Gbit Intel X710-T4 (Fortville) | S26361-F3948-E204 | S26361-F3948-L504 |
| 10/1Gb Ethernet controller with SFP+ cage requires SFP+ modules or twinax cables, Fujitsu / Intel based) | | | | |
| Dual rate 10G/1G support requires 10G/1G Dual Rate SFP+ Optical Transceiver Modules | | | | |
| PLAN EP X710-DA2 2x10Gb SFP+ LP | * | 2 port NIC, Intel X710-DA2 (Fortville) | S26361-F3640-E202 | S26361-F3640-L502 |
| PLAN EP X710-DA4 4x10Gb SFP+ LP | * | 4 port NIC, Intel X710-DA4 (Fortville) | S26361-F3640-E204 | S26361-F3640-L504 |
| optional 10Gb SFP+ module with LC connector for Fujitsu / Intel based controller | | | | |
| SFP+ Optical Transceiver 10G/1G Dual Rate SR | ** | LC, MMF / SR SFP+ module, up to 400m, Intel | S26361-F3986-E5 | S26361-F3986-L5 |
| SFP+ Optical Transceiver 10G/1G Dual Rate LR | ** | LC, SMF / LR SFP+ module, up to 10km, Intel | S26361-F3986-E6 | S26361-F3986-L6 |
| SFP+ Optical Transceiver 10G Single Rate SR | ** | LC, MMF / SR SFP+ module, up to 400m, Finisar | S26361-F3986-E3 | S26361-F3986-L3 |
| SFP+ Optical Transceiver 10G Single Rate LR | ** | LC, SMF / LR SFP+ module, up to 10km, Finisar | S26361-F3986-E4 | S26361-F3986-L4 |
| Twinax Anschlussplatz Primergy | ** | virtual connector for twinax cables | V:TWX CONNECTOR-PY | |
| SFP+ active Twinax Cable Fujitsu | ** | customized cable length (best fitting cable length is defined during rack installation at the factory) | S26361-F3989-E600 | see table at the bottom of this page |
| SFP+ active Twinax Cable Brocade | ** | | S26361-F3873-E500 | |
| **max. 4x (OCP PHY, DA4), and 2x SFP+ or Twinax Cable per controller | | | | |
| *max. 1 for CX2570 M5, max. 2 for CX2550/CX2560 M5 | | | | |

25/10Gb Ethernet network components

| 25/10Gb Ethernet controller with 2x SFP28 cages (requires twinax cables or optical transceiver SFP28 or SFP+ modules) | | | | |
|---|----|--|------------------------|--------------------------------------|
| Dual speed support, auto-sense - supports 25Gbps and 10Gbps line rate per-port | | | | |
| PLAN EP QL41212 25Gb 2p SFP28 LP | *) | Dual Port NIC, iWARP & RoCE RDMA, Cavium | S26361-F4056-E202 | S26361-F4056-L502 |
| Optional, 25Gb SFP28 Optical Transceiver module with LC connector for PLAN EP QL41212 25Gb 2p SFP28 | | | | |
| SFP28 Optical Transceiver 25G SR | | MMF / SR SFP28 module, Mellanox. | S26361-F4054-E701 | S26361-F4054-L701 |
| MMA2P00-AS LC | 2x | Max reach supported 100m | V:DAC/AOC-CONNECTOR-25 | |
| "Virtual Connector" for DAC/AOC cables | 2x | Enablement for System Architect | | |
| 25G DAC - Cisco | 2x | DAC are not in Fujitsu's portfolio yet. | | |
| 25G DAC - Mellanox | 2x | Thus, test only and purchase from switch vendors. | | |
| 25G AOC - Cisco | 2x | AOC are not in Fujitsu's portfolio yet. | | |
| 25G AOC - Mellanox | 2x | Thus, test only and purchase from switch vendors. | | |
| Max. 2x SFP28 or DAC/AOC Cable per PLAN EP QL41212 25Gb 2p SFP28 | | | | |
| Optional, 10Gb SFP+ Optical Transceiver module with LC connector for PLAN EP QL41212 25Gb 2p SFP28 | | | | |
| SFP+ Optical Transceiver 10G Single Rate SR | 2x | LC, MMF / SR SFP+ module, up to 400m | S26361-F3986-E3 | S26361-F3986-L3 |
| SFP+ Optical Transceiver 10G Single Rate LR | 2x | LC, SMF / LR SFP+ module, up to 10km | S26361-F3986-E4 | S26361-F3986-L4 |
| "Virtual Connector" for Twinax cables | 2x | Enablement for System Architect | V:TWX CONNECTOR-10 | |
| SFP+ active Twinax Cable - Fujitsu | 2x | customized cable length (best fitting cable length is defined during rack installation at the factory) | S26361-F3989-E600 | see table at the bottom of this page |
| SFP+ active Twinax Cable - Brocade | 2x | | S26361-F3873-E500 | |
| SFP+ active Twinax Cable Brocade | 2x | | | |
| max. 2x SFP+ or Twinax Cable per PLAN EP QL41212 25Gb 2p SFP28 | | | | |
| *) max. 2x PLAN EP QL41212 25Gb 2p SFP28 for CX2550 M5, max 2x for CX2560 M5, max 1x for CX2570 M5. | | | | |

| 25/10Gb Ethernet controller with 2x SFP28 cages (requires twinax cables or optical transceiver SFP28 or SFP+ modules) | | | | |
|---|----|---|------------------------|-------------------|
| Multiple speed support, auto-sense - supports 25Gbps, 10Gbps and 1Gbps line rate per-port | | | | |
| PLAN EP XXV710-DA2 2x25Gb LP | *) | Dual Port NIC, Intel | S26361-F4055-E202 | S26361-F4055-L502 |
| Optional, 25Gb SFP28 Optical Transceiver module with LC connector for PLAN EP XXV710-DA2 | | | | |
| SFP28 Optical Transceiver 25G SR E25GSFP28SR LC | 2x | MMF / SR SFP28 module, Intel. Max reach supported 30m | S26361-F4055-E701 | S26361-F4055-L701 |
| SFP28 Optical Transceiver 25G SR MMA2P00-AS LC | 2x | MMF / SR SFP28 module, Mellanox. Max reach supported 100m | S26361-F4054-E701 | S26361-F4054-L701 |
| "Virtual Connector" for DAC/AOC cables | 2x | Enablement for System Architect | V:DAC/AOC-CONNECTOR-25 | |
| 25G DAC - Brocade | 2x | DAC are not in Fujitsu's portfolio yet. Thus, test only and purchase from switch vendors. | V:DAC/AOC-CONNECTOR-25 | |
| 25G DAC - Cisco | 2x | | | |
| 25G DAC - Intel | 2x | | | |
| 25G AOC - Brocade | 2x | AOC are not in Fujitsu's portfolio yet. Thus, test only and purchase from switch vendors. | | |
| 25G AOC - Cisco | 2x | | | |
| 25G AOC - Intel | 2x | | | |
| Max. 2x SFP28 or DAC/AOC Cable per PLAN EP XXV710-DA2. No SFP28 for OCP Type 1 allowed. | | | | |
| Optional, 10Gb SFP+ Optical Transceiver module with LC connector for PLAN EP XXV710-DA2 | | | | |
| SFP+ Optical Transceiver 10G/1G Dual Rate SR | 2x | LC, MMF / SR SFP+ module, up to 400m | S26361-F3986-E5 | S26361-F3986-L5 |
| SFP+ Optical Transceiver 10G/1G Dual Rate LR | 2x | LC, SMF / LR SFP+ module, up to 10km | S26361-F3986-E6 | S26361-F3986-L6 |
| SFP+ Optical Transceiver 10G Single Rate SR | 2x | LC, MMF / SR SFP+ module, up to 400m | S26361-F3986-E3 | S26361-F3986-L3 |
| SFP+ Optical Transceiver 10G Single Rate LR | 2x | LC, SMF / LR SFP+ module, up to 10km | S26361-F3986-E4 | S26361-F3986-L4 |

| | | | | |
|---|----|--|---------------------------|--------------------------------------|
| "Virtual Connector" for Twinax cables | 2x | Enablement for System Architect | V:TWX CONNECTOR-10 | |
| SFP+ active Twinax Cable - Fujitsu | 2x | customized cable length (best fitting cable length is defined during rack installation at the factory) | S26361-F3989-E600 | see table at the bottom of this page |
| SFP+ active Twinax Cable - Brocade | 2x | | S26361-F3873-E500 | |
| SFP+ active Twinax Cable Brocade | 2x | | | |
| <i>max. 2x SFP+ or Twinax Cable per controller</i> | | | | |
| *) max. 2 controllers per CX2550 M5; max. 2 controllers per CX2560 M5; max. 1 controller for CX2570 M5. | | | | |

| | | | | |
|--|----|--|-------------------------------|--------------------------------------|
| 25/10Gb Ethernet controller with 2x SFP28 cages (requires twinax cables or optical transceiver SFP28 or SFP+ modules) | | | | |
| Dual speed support, auto-sense - supports 25Gbps and 10Gbps line rate per-port | | | | |
| PLAN EP MCX4-LX 25Gb 2p SFP28 LP | *) | Dual Port NIC, RoCE RDMA, Mellanox | S26361-F4054-E202 | S26361-F4054-L502 |
| Optional, 25Gb SFP28 Optical Transceiver module with LC connector for PLAN EP MCX4-LX 25Gb 2p SFP28 | | | | |
| SFP28 Optical Transceiver 25G SR MMA2P00-AS LC | 2x | MMF / SR SFP28 module, Mellanox. Max reach supported 100m | S26361-F4054-E701 | S26361-F4054-L701 |
| "Virtual Connector" for DAC/AOC cables | 2x | Enablement for System Architect | V:DAC/AOC-CONNECTOR-25 | |
| 25G DAC - Cisco | 2x | DAC are not in Fujitsu's portfolio yet. Thus, test only and purchase from switch vendors | | |
| 25G DAC - Mellanox | 2x | | | |
| 25G AOC - Cisco | 2x | | | |
| 25G AOC - Mellanox | 2x | | | |
| <i>Max. 2x SFP28 or DAC/AOC Cable per PLAN EP MCX4-LX 25Gb 2p SFP28</i> | | | | |
| Optional, 10Gb SFP+ Optical Transceiver module with LC connector for PLAN EP MCX4-LX 25Gb 2p SFP28 | | | | |
| SFP+ Optical Transceiver 10G/1G Dual Rate | 2x | LC, MMF / SR SFP+ module, up to 400m | S26361-F3986-E5 | S26361-F3986-L5 |
| SFP+ Optical Transceiver 10G/1G Dual Rate | 2x | LC, SMF / LR SFP+ module, up to 10km | S26361-F3986-E6 | S26361-F3986-L6 |
| SFP+ Optical Transceiver 10G Single Rate | 2x | LC, MMF / SR SFP+ module, up to 400m | S26361-F3986-E3 | S26361-F3986-L3 |
| SFP+ Optical Transceiver 10G Single Rate | 2x | LC, SMF / LR SFP+ module, up to 10km | S26361-F3986-E4 | S26361-F3986-L4 |
| "Virtual Connector" for Twinax cables | 2x | Enablement for System Architect | V:TWX CONNECTOR-10 | |
| SFP+ active Twinax Cable - Fujitsu | 2x | customized cable length (best fitting cable length is defined during rack installation at the factory) | S26361-F3989-E600 | see table at the bottom of this page |
| SFP+ active Twinax Cable - Brocade | 2x | | S26361-F3873-E500 | |
| SFP+ active Twinax Cable Brocade | 2x | | | |
| <i>max. 2x SFP+ or Twinax Cable per controller</i> | | | | |
| *) max. 2x PLAN EP MCX4-LX 25Gb 2p SFP28 for CX2550 M5, max 2x for CX2560 M5, max 1x for CX2570 M5. | | | | |

40Gb Ethernet network components

| | | | | |
|---|----|--|-------------------------------|--------------------------|
| 40Gb Ethernet controller with QSFP cage (requires DAC, AOC cables or optical transceiver QSFP modules) | | | | |
| Supports 40Gbps line rate per-port | | | | |
| PLAN EP MCX4-EN 40Gb 2p QSFP LP | *) | Dual Port NIC, RoCE RDMA, Mellanox | S26361-F4053-E202 | S26361-F4053-L502 |
| Optional, 40Gb QSFP Optical Transceiver module with MPO connector for PLAN EP MCX4-EN 40Gb 2p QSFP | | | | |
| QSFP 40G SR4L MPO 850nm 30m MC2210411-SR4L | 2x | MMF / SR4L QSFP module, Mellanox. Max reach supported 30m | S26361-F4053-E701 | S26361-F4053-L701 |
| QSFP 40G SR4 MPO 850nm 150m MC2210411-SR4 | 2x | MMF / SR4 QSFP module, Mellanox. Max reach supported 150m | S26361-F4053-E702 | S26361-F4053-L702 |
| "Virtual Connector" for DAC/AOC cables | 2x | Enablement for System Architect | V:DAC/AOC-CONNECTOR-40 | |
| 40G DAC - Cisco | 2x | DAC are not in Fujitsu's portfolio yet. Thus, test only and purchase from switch vendors | | |
| 40G DAC - Mellanox | 2x | | | |
| 40G AOC - Cisco | 2x | | | |
| 40G AOC - Mellanox | 2x | | | |
| <i>max. 2x QSFP or DAC, AOC per PLAN EP MCX4-EN 40Gb 2p QSFP</i> | | | | |
| *) max. 2x PLAN EP MCX4-EN 40Gb 2p QSFP for CX2550 M5, max 2x for CX2560 M5, max 1x for CX2570 M5. | | | | |

100Gb Ethernet network components

| | | | | |
|---|----|------------------------------------|--------------------------|--------------------------|
| 100Gb Ethernet controller with 1x QSFP28 cage (requires twinax cables or optical transceiver QSFP28 modules) | | | | |
| Supports 100Gbps line rate | | | | |
| PLAN EP QL45611 100Gb 1p QSFP28 LP | *) | Single Port NIC, RoCE RDMA, Cavium | S26361-F4057-E201 | S26361-F4057-L501 |

| Optional, 100Gb QSFP28 Optical Transceiver module with MPO connector for PLAN EP QL45611 100Gb 1p QSFP28 | | | | | |
|--|----|--|-------------------------|-------------------|--|
| QSFP28 100G SR4 MPO 850nm 100m MMA1B00-C100D | 1x | MMF / SR4 QSFP28 module, Mellanox. Max reach supported 100m | S26361-F4052-E701 | S26361-F4052-L701 | |
| QSFP28 100G PSM4 1310nm 500m MMS1C10-CM | 1x | MMF / SR QSFP28 module, Mellanox. Max reach supported 500m | S26361-F4052-E801 | S26361-F4052-L801 | |
| "Virtual Connector" for DAC/AOC cables | 1x | Enablement for System Architect | V:DAC/AOC-CONNECTOR-100 | | |
| 100G DAC - Cisco | 1x | DAC are not in Fujitsu's portfolio yet. Thus, test only and purchase from switch vendors | | | |
| 100G DAC - Mellanox | 1x | DAC are not in Fujitsu's portfolio yet. Thus, test only and purchase from switch vendors | | | |
| 100G AOC - Cisco | 1x | AOC are not in Fujitsu's portfolio yet. Thus, test only and purchase from switch vendors | | | |
| 100G AOC - Mellanox | 1x | AOC are not in Fujitsu's portfolio yet. Thus, test only and purchase from switch vendors | | | |
| Max. 1x QSFP28 or DAC/AOC Cable per PLAN EP QL45611 100Gb 1p QSFP28 | | | | | |
| *) max. 2x PLAN EP QL45611 100Gb 1p QSFP28 for CX2550 M5, max 2x for CX2560 M5, max 1x for CX2570 M5. | | | | | |

| 100Gb Ethernet controller with 1x QSFP28 cage (requires twinax cables or optical transceiver QSFP28 modules) | | | | | |
|--|----|--|-------------------------|-------------------|--|
| Supports 100Gbps line rate | | | | | |
| PLAN EP MCX4-EN 100Gb 1p QSFP28 LP | *) | Single Port NIC, RoCE RDMA, Mellanox | S26361-F4052-E201 | S26361-F4052-L501 | |
| Optional, 100Gb QSFP28 Optical Transceiver module with MPO connector for PLAN EP MCX4-EN 100Gb 1p QSFP28 | | | | | |
| QSFP28 100G SR4 MPO 850nm 100m MMA1B00-C100D | 1x | MMF / SR4 QSFP28 module, Mellanox. Max reach supported 100m | S26361-F4052-E701 | S26361-F4052-L701 | |
| QSFP28 100G PSM4 1310nm 500m MMS1C10-CM | 1x | MMF / SR QSFP28 module, Mellanox. Max reach supported 500m | S26361-F4052-E801 | S26361-F4052-L801 | |
| "Virtual Connector" for DAC/AOC cables | 1x | Enablement for System Architect | V:DAC/AOC-CONNECTOR-100 | | |
| 100G DAC - Cisco | 1x | DAC are not in Fujitsu's portfolio yet. Thus, test only and purchase from switch vendors | | | |
| 100G DAC - Mellanox | 1x | DAC are not in Fujitsu's portfolio yet. Thus, test only and purchase from switch vendors | | | |
| 100G AOC - Cisco | 1x | AOC are not in Fujitsu's portfolio yet. Thus, test only and purchase from switch vendors | | | |
| 100G AOC - Mellanox | 1x | AOC are not in Fujitsu's portfolio yet. Thus, test only and purchase from switch vendors | | | |
| Max. 1x QSFP28 or DAC/AOC Cable per PLAN EP MCX4-EN 100Gb 1p QSFP28 | | | | | |
| *) max. 2x PLAN EP MCX4 EN 100Gb 1p QSFP28 for CX2550 M5, max 2x for CX2560 M5, max 1x for CX2570 M5. | | | | | |

I
J

Network cables for later upgrade

| Fujitsu active SFP+ Twinax 10Gb cable | |
|---------------------------------------|-------------------|
| SFP+ active Twinax Cable Fujitsu 2m | S26361-F3989-L102 |
| SFP+ active Twinax Cable Fujitsu 5m | S26361-F3989-L105 |
| SFP+ active Twinax Cable Fujitsu 10m | S26361-F3989-L110 |
| Brocade active SFP+ Twinax 10Gb cable | |
| SFP+ active Twinax Cable Brocade 1m | S26361-F3873-L501 |
| SFP+ active Twinax Cable Brocade 3m | S26361-F3873-L503 |
| SFP+ active Twinax Cable Brocade 5m | S26361-F3873-L505 |

K

Chapter 12 - Fibre Channel Controller

K



Liquid cooling base unit / CX2550 M5 does not support FC controller

| 32Gb Fibre Channel controller generation 6 with LC interface for 50µm optical cables (OM3 or OM4) | | | | | |
|---|-------|--------------------------------------|-------------------|-------------------|--|
| Dual speed support - supports 32Gb and 16Gb | | | | | |
| PFC EP LPe32000 1x 32Gb LP | ***** | 1 port, low profile, Broadcom/Emulex | S26361-F4044-E201 | S26361-F4044-L501 | |
| PFC EP LPe32002 2x 32Gb LP | ***** | 2 port, low profile, Broadcom/Emulex | S26361-F4044-E202 | S26361-F4044-L502 | |
| PFC EP QLE2740 1x 32Gb LP | ***** | 1 port, low profile, Cavium/Qlogic | S26361-F4043-E201 | S26361-F4043-L501 | |
| PFC EP QLE2742 2x 32Gb LP | ***** | 2 port, low profile, Cavium/Qlogic | S26361-F4043-E202 | S26361-F4043-L502 | |

| 16Gb Fibre Channel controller generation 6 with LC interface for 50µm optical cables (OM3 or OM4) | | | | | |
|---|-------|--------------------------------------|-------------------|-------------------|--|
| Dual speed support - supports 16Gb and 8Gb | | | | | |
| PFC EP LPe31000 1x 16Gb LP | ***** | 1 port, low profile, Broadcom/Emulex | S26361-F5596-E201 | S26361-F5596-L501 | |
| PFC EP LPe31002 2x 16Gb LP | ***** | 2 port, low profile, Broadcom/Emulex | S26361-F5596-E202 | S26361-F5596-L502 | |
| PFC EP QLE2690 1x 16Gb LP | ***** | 1 port, low profile, Cavium/Qlogic | S26361-F5580-E201 | S26361-F5580-L501 | |
| PFC EP QLE2692 2x 16Gb LP | ***** | 2 port, low profile, Cavium/Qlogic | S26361-F5580-E202 | S26361-F5580-L502 | |
| ***** max. 2 for CX2560 M5 (No FC card support for CX2550 M5/CX2570M5) | | | | | |

configuration of different Controllers NOT supported

Chapter 13 - Infiniband Controllers

| |
|---|
| S26361-F5717-E102/E202 S26361-F5717-L102/L202 |
| IB HCA 100Gb 1 / 2channel EDR |
| 100Gbit 1 / 2channel Infiniband Controller EDR technology (8.0GT/s) |
| 1x / 2x Q-SFP+ connector |
| PCIe Gen3 x16, 170mm |
| max. 1x per CX2570, 2 for the other |

| |
|---|
| S26361-F5724-E102/E202 S26361-F5724-L102/L202 |
| IB HCA 100Gb 1 / 2channel HDR |
| 100Gbit 1 / 2channel Infiniband Controller HDR technology (8.0GT/s) |
| 1x / 2x Q-SFP+ connector |
| PCIe Gen3 x16, 170mm |
| max. 1x per CX25x0, only liquid server |

| |
|--|
| S26361-F5562-E10 |
| POP EP 100Gb 1port Omni Path 100Gbit 1channel HFI Card |
| Q-SFP+ connector |
| PCIe x16 |
| max. 1x per CX2570, 2 for the other |
| Supported only with Linux |

The following card can not be mixed Infiniband card(S26361-F5717-E102/E202)
S26361-F4054-E302/S26361-F4052-E201/S26361-F4052-E1/S26361-F4053-E2/S26361-F4053-E202

The following card can not be mixed Infiniband card(S26361-F5724-E102/E202)
S26361-F4054-E302/S26361-F4052-E201/S26361-F4052-E1/S26361-F4053-E2/S26361-F4053-E202

The following card can not be mixed with Infiniband card(S26361-F5562-E10)
S26361-F4054-E302/S26361-F4052-E201/S26361-F4052-E1/S26361-F4053-E2/S26361-F4053-E202

Network Components, Controller and cables for later upgrade

| | |
|--|-------------------|
| S26361-F5717-E102/E202 | |
| QSFP, IB 100Gb, 1m | S26361-F5549-L561 |
| QSFP, IB 100Gb, 3m | S26361-F5549-L563 |
| S26361-F5724-L102/L202/E102/E202 | |
| QSFP, IB 100Gb, 1m (Y-cable) (To HDR SW) | S26361-F5748-E571 |
| Omni Path | |
| 100Gbit/s 1ch Omni Path HFI Card | S26361-F5562-L10 |
| 100Gbit/s 1 port Omni Path PHY Card | S26361-F5651-L460 |
| QSFP, Omni 100Gb, 1.5m | S26361-F5563-L150 |
| QSFP, Omni 100Gb, 2m | S26361-F5563-L200 |
| QSFP, Omni 100Gb, 3m | S26361-F5563-L300 |

L

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:

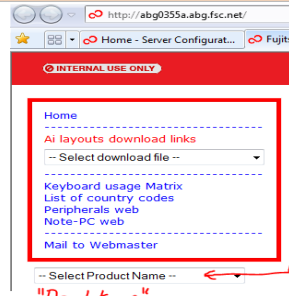
| USB professional Keyboard KBPC PX ECO | Country version | FUJITSU Keyboard KB521 USB (grey) |
|---------------------------------------|---|-----------------------------------|
| | US/ int 105 keys (UK keyboard + US int. Layout) | S26381-K521-E102 |
| S26381-K341-E104 | Czech/Slovak | S26381-K521-E104 |
| 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 |

USB Optical Disc Drive

| | |
|------------------------------------|------------------|
| Fujitsu External Super Multi Drive | S26341-F103-L142 |
|------------------------------------|------------------|

R

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



"Desktop"

Chapter 16 - others

0

| |
|---|
| S26361-F1790-E243 S26361-F1790-L244 |
| iRMC S4 advanced pack / S5 alternatively |
| integrated remote Management controller activation key for graphical console redirection and remote media redirection |
| max. 1x per system |

Advanced Thermal design cannot be combined with the Flash backup unit of the RAID controllers

| |
|--|
| S26361-F3552-E100 S26361-F3552-L100 |
| TPM Module 2.0 |
| max. 1x per system |

✳As soon as available

| |
|--|
| S26361-F1790-E311 embedded Lifecycle Management (eLCM) |
| Server Online Update OS driver Update Hardware firmware update |
| Server Offline Update Hardware update via Update Manager Express |
| PrimeCollect Autonomous creation of Primecollect archives Creation and use of PrimeCollect archives over AIS connect |
| Custom Image (Jukebox function) Automatic and manual download of CD and DVD Images Automatic and manual start of CD and DVD Images |
| max. 1x per system |

| |
|---|
| Loose delivery |
| eLCM Activation Pack (Node Locked License) |
| BDL:ELCM-PACK |
| options contains: |
| - 16GB SD card |
| - Paper with TAN for Licensekey |

Your Server is ready

Legend

GR: General Release

NR: No release



| | Model Name | | | | |
|---|------------|------------|---------------|--------------|-----------------|
| | | CX2550 M5 | | CX2560 M5 | CX2570 M5 |
| | | <i>Air</i> | <i>Liquid</i> | <i>Air</i> | <i>Liquid</i> |
| Cooling | | <i>Air</i> | <i>Liquid</i> | <i>Air</i> | <i>Liquid</i> |
| Target market | | <i>HPC</i> | <i>HPC</i> | <i>Cloud</i> | <i>V100 32G</i> |
| Microsoft Windows | | | | | |
| Windows Server 2019 | | | | | |
| Microsoft Hyper-V Server 2019 | | NR | NR | NR | NR |
| Windows Server 2019 Datacenter | | GR | NR | GR | NR |
| Windows Server 2019 Standard | | GR | NR | GR | NR |
| Windows Server 2019 Essentials | | NR | NR | GR | NR |
| Windows Server 2016 | | | | | |
| Microsoft Hyper-V Server 2016 | | NR | NR | NR | NR |
| Windows Server 2016 Datacenter | | GR | NR | GR | NR |
| Windows Server 2016 Standard | | GR | NR | GR | NR |
| Windows Server 2016 Essentials | | NR | NR | GR | NR |
| Windows Storage Server 2016 Standard | | NR | NR | NR | NR |
| Windows Server 2012R2 | | | | | |
| Microsoft Hyper-V Server 2012R2 | | NR | NR | NR | NR |
| Windows Server 2012R2 Datacenter | | NR | NR | NR | NR |
| Windows Server 2012R2 Standard | | NR | NR | NR | NR |
| Windows Server 2012R2 Essentials | | NR | NR | NR | NR |
| Windows Server 2012R2 Foundation | | NR | NR | NR | NR |
| Windows Storage Server 2012R2 Standard | | NR | NR | NR | NR |
| RedHat Linux | | | | | |
| Red Hat Enterprise Linux 64-bit | 6.10 | NR | NR | NR | NR |
| Red Hat Enterprise Linux 64-bit | 7.5 | NR | NR | NR | NR |
| Red Hat Enterprise Linux 64-bit | 7.6 | GR | GR | GR | GR |
| Red Hat Enterprise Linux 64-bit | 8.0 | Planned | Planned | Planned | Planned |
| Suse Linux | | | | | |
| SUSE Linux Enterprise Server 12 64-bit | SP3 | NR | NR | NR | NR |
| SUSE Linux Enterprise Server 12 64-bit | SP4 | Planned | Planned | Planned | SR |
| SUSE Linux Enterprise Server 15 64-bit | | Planned | Planned | Planned | SR |
| Open Enterprise Server 2 32-bit | | NR | NR | NR | NR |
| Open Enterprise Server 2 64-bit | | NR | NR | NR | NR |
| VMware ESX Server | | | | | |
| ESXi 6.5 U1 | | NR | NR | NR | NR |
| ESXi 6.5 U2 | | NR | NR | NR | NR |
| ESXi 6.7 | | NR | NR | NR | NR |
| ESXi 6.7U1 | | NR | NR | GR | NR |
| Oracle | | | | | |
| Oracle Linux 6 (RHEL & UEK kernel) 64-bit | 6.10 | NR | NR | NR | NR |
| Oracle Linux 7 (RHEL & UEK kernel) 64-bit | 7.6 | NR | NR | GR | NR |
| Oracle Linux 7 (RHEL & UEK kernel) 64-bit | 8.0 | NR | NR | Planned | NR |
| Oracle Virtual Manager 3 | 3.4 | NR | NR | GR | NR |
| Solaris 11 64-bit | | NR | NR | NR | NR |
| Citrix | | | | | |
| XenServer | 7.1 | NR | NR | GR | NR |
| XenServer | 8.0 | NR | NR | GR | NR |
| Other | | | | | |
| WinPE | | NR | NR | NR | NR |
| CentOS | 7.6 | NR | NR | NR | NR |

| Date of change [dd.mm.yyyy] | Folder / order code / description | Name | What has been changed / comment |
|--------------------------------|-----------------------------------|------------------|--|
| 29.05.2020 | Base | Yuri Okubo | removed Made in Germany sticker |
| 29.04.2020 | CPU/RAM | Atsushi Iwata | Added CPUs (Bronze 32xxR, Silver 42xxR, Gold 52xxR and 62xxR) |
| 26.03.2020 | Base | Atsushi Iwata | Added Region kit china |
| 19.03.2020 | CPU/RAM | Atsushi Iwata | Added Restriction for ErP Lot9 (Bronze 3204, 1 DIMM configuration are not orderable) |
| 19.03.2020 | Other | Hiroyuki Homma | Update description |
| 18.02.2020 | IB | Takaoka masanori | Change the cable |
| 10.01.2019 | HD Cage | Hiroyuki Homma | Added riser descriptopn |
| 20.12.2019 | RAM | Klaus-Dieter Ruf | Added new released 64GB 2Rx4 module |
| 07.11.2019 | Accessories | Y.Narita | USB memory sticks section updated. No longer 32GB. |
| 31.10.2019 | RAM | Klaus-Dieter Ruf | DCPMM section updated |
| 17.10.2019 | Base | Hiroyuki Homma | Fixed CX2570M5 description |
| 17.10.2019 | SSD | Hiroyuki Homma | Added P4610 and P4510 |
| 25.09.2019 | Base | Hiroyuki Homma | Added Node popuration rules |
| 27.08.2019 | RAM | Klaus-Dieter Ruf | Added 768GB memory packages |
| 26.06.2019 | LAN_FC_IB | Takaoka masanori | Add ConnectX6(Infiniband card) |
| 24.06.2019 | RAM | Klaus-Dieter Ruf | Added missing memory module |
| 19.06.2019 | CPU | Hiroyuki Homma | Added some CPU |
| 06.06.2019 | RAID | Sven Pilz | Added PSAS CP403i |
| 15.04.2019 | RAM | Klaus-Dieter Ruf | Updated order codes for Memory Packages |
| 01.04.2019 | | S.Ichihashi | Update |
| 28.03.2019 | | S.Ichihashi | Update |
| 15.03.2019 | | S.Ichihashi | Update |
| 13.03.2019 | | S.Ichihashi | Update |
| 08.03.2019 | RAM | Klaus-Dieter Ruf | Updated order codes for Memory Packages |
| 06.03.2019 | RAM | Klaus-Dieter Ruf | Added Memory Packages for easy AEP configuration |
| 04.03.2019 | | S.Ichihashi | Update |
| 26.02.2019 | | S.Ichihashi | Update |
| 12.02.2019 | | S.Ichihashi | Update |
| 08.02.2019 | LAN_FC_IB | Takaoka masanori | change EDR card parts number |
| 08.02.2019 | | S.Ichihashi | Update |
| 05.12.2018 | | xx | First Draft |
| | | | |
| | | | |
| | | | |