



PRIMEQUEST 2800B3

System Configuration Guide

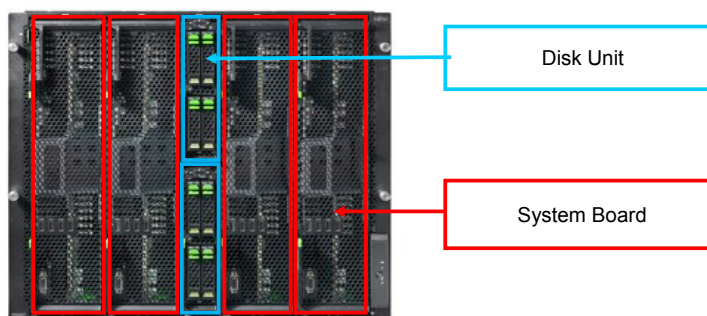
August 2017

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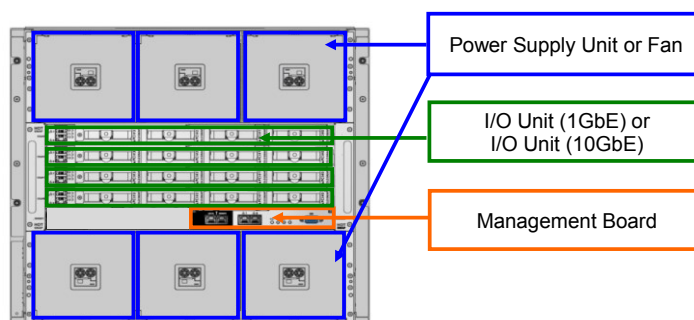
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1. Overview

Front side



Rear side

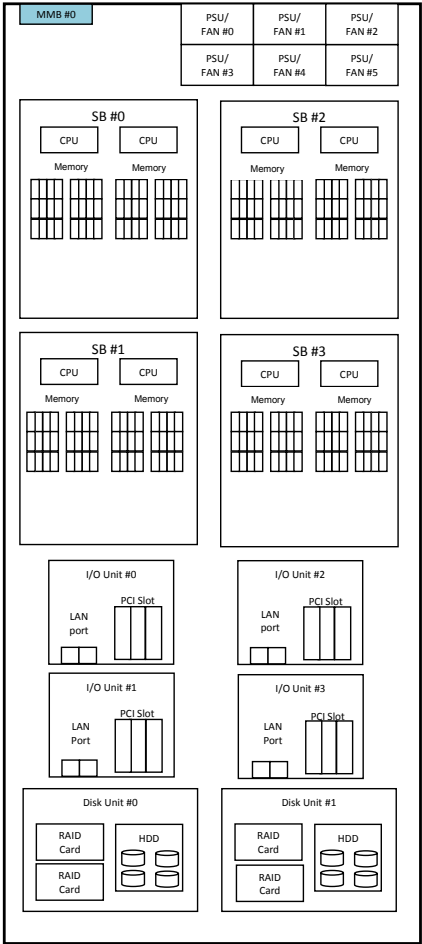


1. Overview

Part Number Legend:

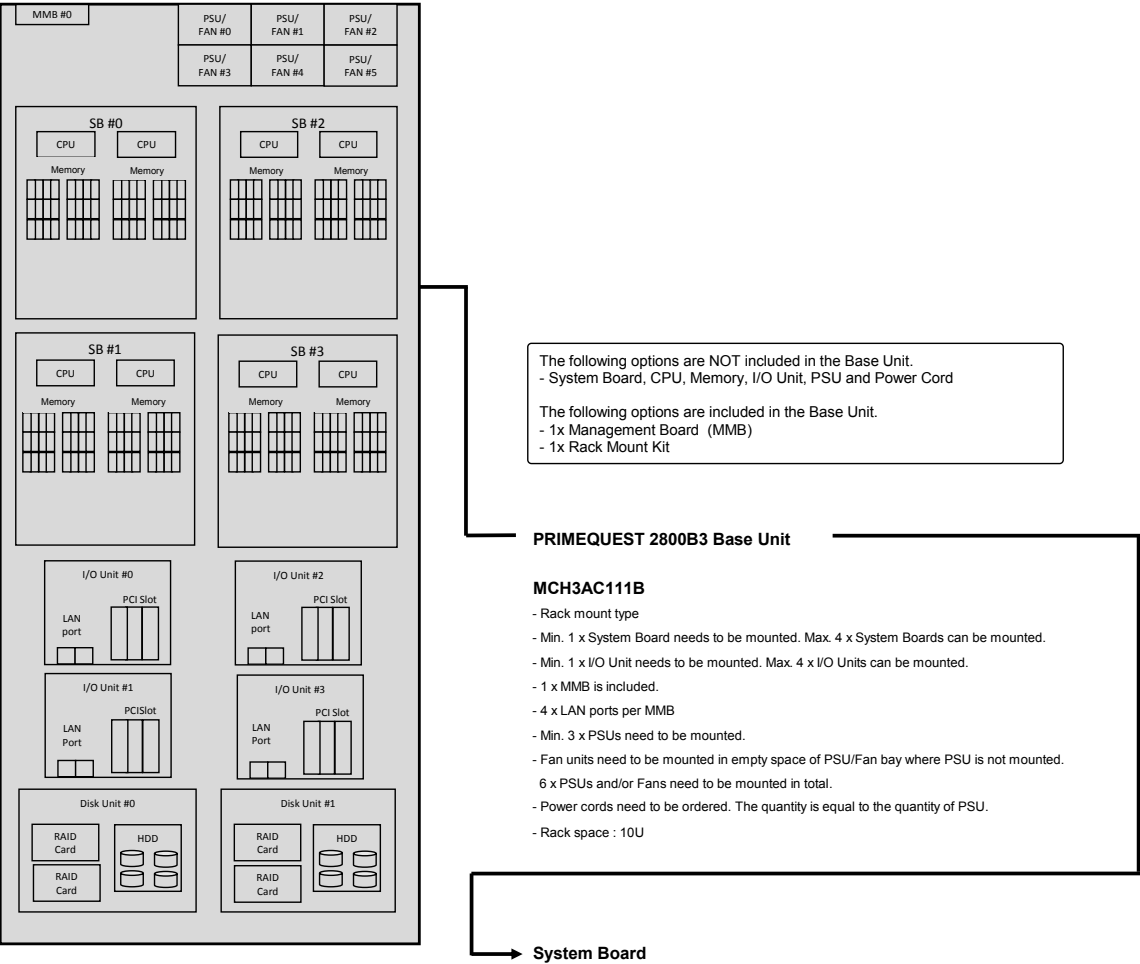
Part Number:
MC-*** is a Build-to-Order (BTO) option** to be assembled with a Base Unit at Fujitsu factory.

MCX*** is an option** to be shipped separately from a Base Unit (Loose Delivery)



Model	PRIMEQUEST 2800B3
CPU	E7-8800 v4 series
Max CPU / Cores	8 / 192
Max Memory Slots	192
Max Memory Capacity	24TB (special release)
Max System Board	4
Reserved SB	No
Max Physical Partition	1
Dynamic Reconfiguration	No
SAS Drive Slots (Internal)	8
Max SAS Drive Capacity (Internal) (with 1.8TB HDD per slot)	14.4TB
Max I/O Units	4
Max 1GbE ports on 4 x I/O Units (Low Profile)	8
Max 10GbE ports on 4 x I/O Units (Full Height)	
Max PCI-Box	-
PCIe Slots (Internal)	16
Input Voltage (AC)	200-240V
Highest Operating Temperature	35 °C

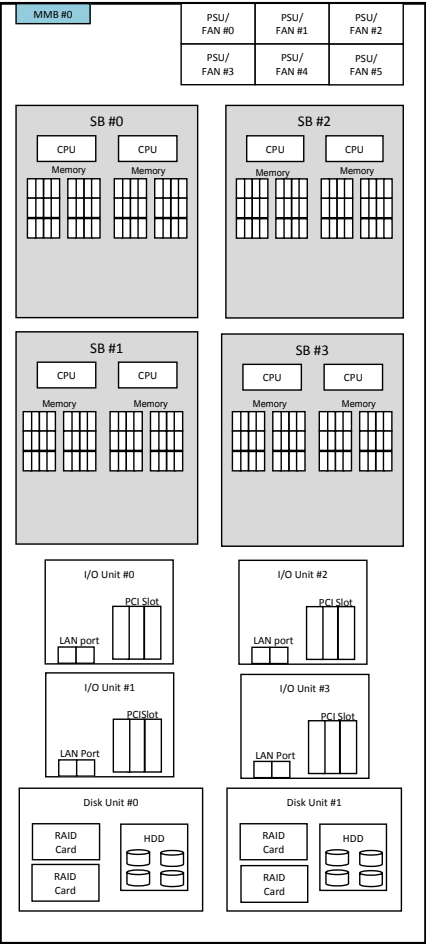
2. Base Unit



The Interfaces per Management Board (MMB)

Interface	Ethernet standard	Automatic negotiation function
User port	1000BASE-T/ 100BASE-TX/ 10BASE-T	Supported
REMCS port	100BASE-TX/ 10BASE-T	Supported
Maintenannce port	100BASE-TX/ 10BASE-T	Supported

3. System Board



System Board for 2800B3

MC-3HSB91B / MCX3HSB91B (LD)

- Min. 1 x SB needs to be mounted. Max. 4 x SB can be mounted per Base Unit.
- The System Board does not include a security chip called TPM.
- Neither CPU nor Memory is included. CPU and Memory need to be ordered separately.
- Min. 1 x CPU and 1 x Memory need to be mounted on each SB.
- If 1 x CPU is mounted on a SB, min. 1 x Memory (2 x DIMMs) need to be mounted.
- Max. 12 x Memory (24 x DIMMs) per CPU can be mounted.
- If 2 x CPUs are mounted on a SB, min. 2 x Memory (4 x DIMMs) need to be mounted.
- Max. 24 x Memory (48 x DIMMs) can be mounted.

TPM module V1.2

MC-6HTP11 / MCX6HTP11(LD)

- Available except for China

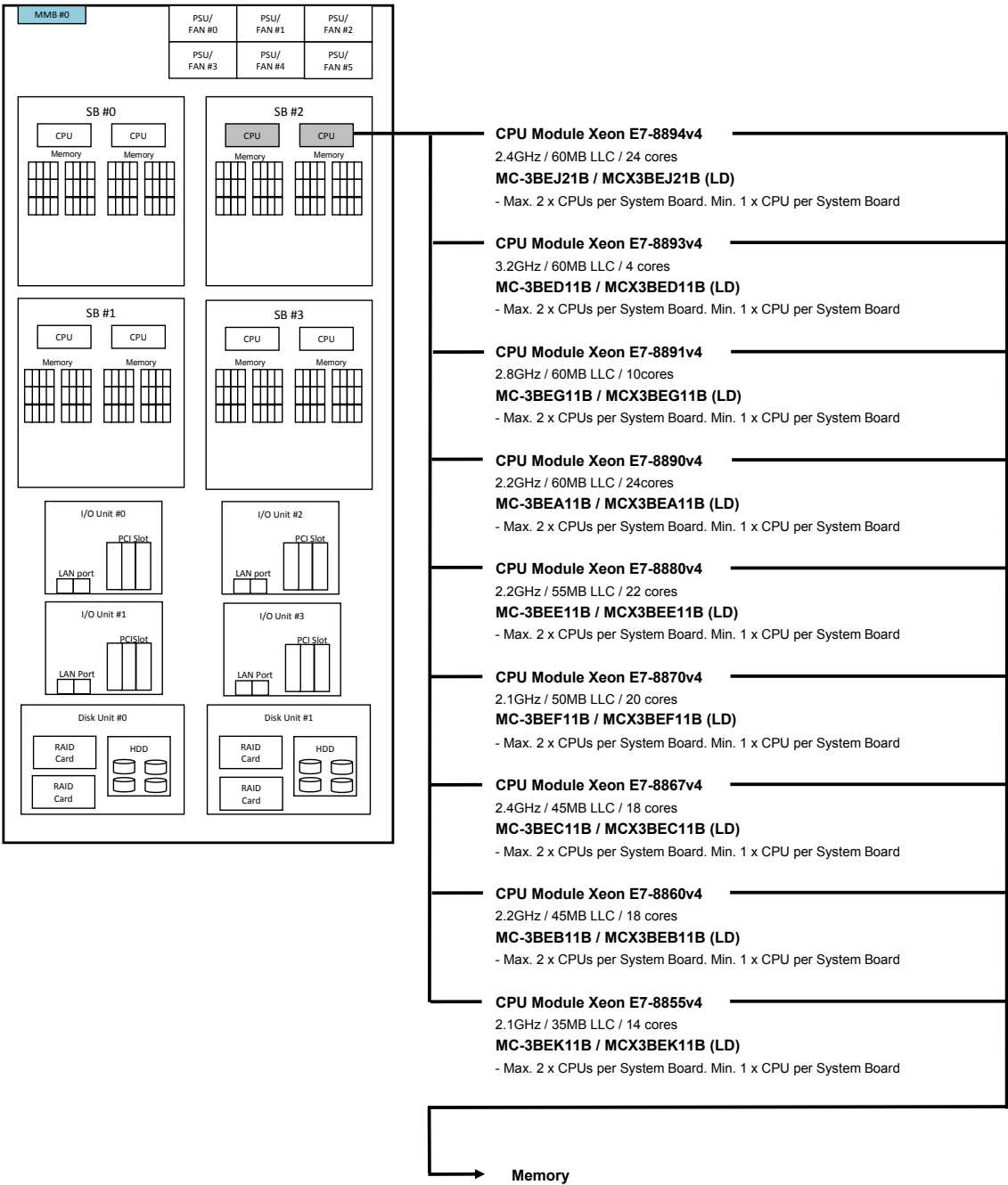
TPM module V2.0

MC-6HTP21 / MCX6HTP21(LD)

- Available except for China

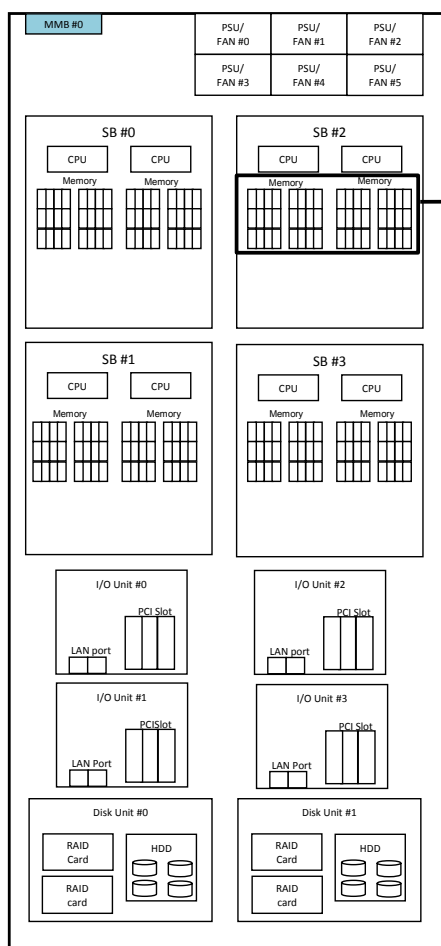
CPU

4. CPU



CPU mounting condition:
- The same kind of CPUs need to be mounted in a Base Unit.

5. Memory



Memory Expansion Board

MC-3HMB31B / MCX3HMB31B (LD)

- 1 x Memory Expansion Board can be mounted per CPU.
- 1 x Memory Expansion Board has 12 DIMM slots.
- * Conditions to mount Memory Expansion Board depend on the number of DIMM to be mounted and a Memory Mode. For details, please refer to "Memory Mounting".

At least one option needs to be mounted.

16GB memory (8GB DDR4 DIMM x 2)

MC-3CD521B / MCX3CD521B (LD)

- Min. 1 x Memory (2 x DIMMs) needs to be mounted per CPU.
- Max. 12 x Memory (24 x DIMMs) can be mounted per CPU.
- 2 x 8GB 2400MHz RDIMMs

32GB memory (16GB DDR4 DIMM x 2) Single Rank x4

MC-3CD621B / MCX3CD621B (LD)

- Min. 1 x Memory (2 x DIMMs) needs to be mounted per CPU.
- Max. 12 x Memory (24 x DIMMs) can be mounted per CPU.
- 2 x 16GB 2400MHz RDIMMs

32GB memory (16GB DDR4 DIMM x 2) Dual Rank x4

MC-3CD631B / MCX3CD631B (LD)

- Min. 1 x Memory (2 x DIMMs) needs to be mounted per CPU.
- Max. 12 x Memory (24 x DIMMs) can be mounted per CPU.
- 2 x 16GB 2400MHz RDIMMs

* long lead time option

64GB memory (32GB DDR4 DIMM x 2)

MC-3CD731B / MCX3CD731B (LD)

- Min 1 x Memory (2 x DIMMs) needs to be mounted per CPU.
- Max 12 x Memory (24 x DIMMs) can be mounted per CPU.
- 2 x 32GB 2400MHz RDIMM

128GB memory (64GB DDR4 DIMM x 2)

MC-3CD811B / MCX3CD811B (LD)

- Min. 1 x Memory (2 x DIMMs) needs to be mounted per CPU.
- Max. 12 x Memory (24 x DIMMs) can be mounted per CPU.
- 2 x 64GB 2133MHz LRDIMMs

256GB memory (128GB DDR4 LRDIMM x 2)

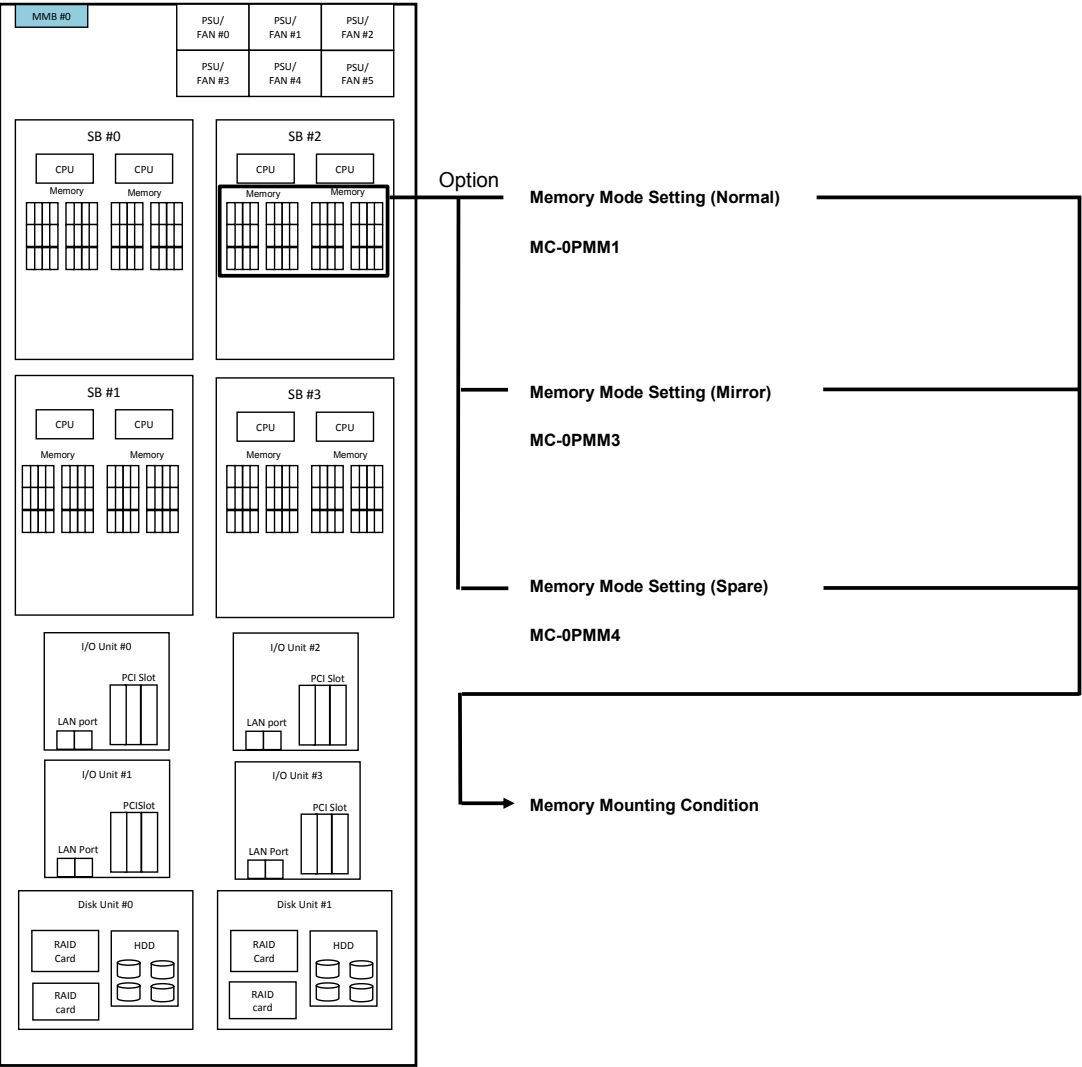
MC-3CD911B / MCX3CD911B (LD)

- Min. 1 x Memory (2 x DIMMs) needs to be mounted per CPU.
- Max. 12 x Memory (24 x DIMMs) can be mounted per CPU.
- 2 x 128GB 2400MHz LRDIMMs

* long lead time option

Memory Mode

Memory Mode



Memory Mounting Condition

1. Memory and Memory Expansion Board

- (1) Memory for PRIMEQUEST is composed of 2 x DIMMs.
- (2) 6 sets (12 x DIMMs) can be mounted per CPU on System Board and 6 sets (12 x DIMMs) can be mounted on Memory Expansion Board.
- (3) Combination of Memory Mode, number of Memory and necessity of Memory Expansion Board is shown below.

Please order Memory Expansion Board referring the following chart.

Combination of Memory Mode, number of Memory and Memory Expansion Board

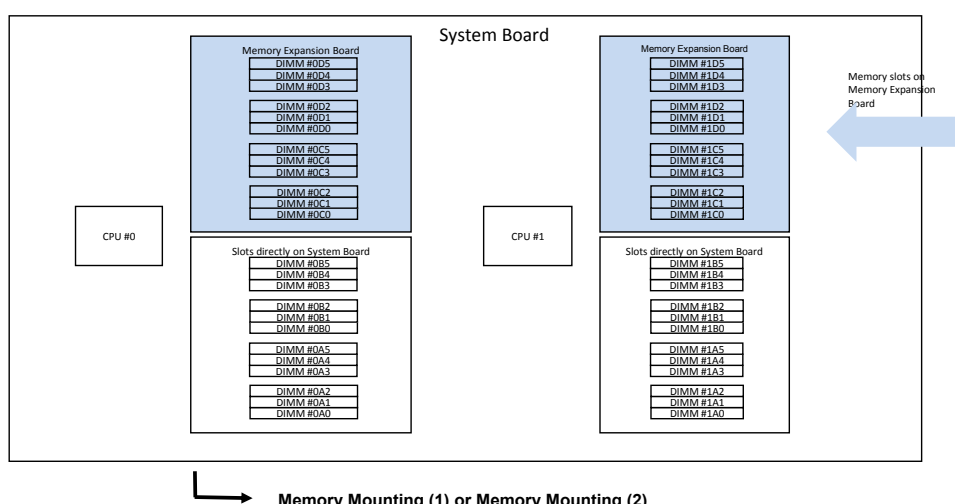
Memory Mode	Quantity of Memory (Quantity of DIMM)	Memory Expansion Board
Normal Mode	1 (2)	Not Necessary
	2 (4) or more	Necessary
Mirror Mode	1 (2) or 2 (4)	Not Necessary
	3 (6) or more	Necessary
Spare Mode	1 (2), 2 (4) or 3 (6)	Not Necessary
	4 (8) or more	Necessary

2. Memory Mounting Conditions

- (1) Mixture of different type of Memory is not allowed in a single Base Unit.

The exception is a combination of 16GB Memory (2 x 8GB RDIMM) and 32GB Memory (2 x 16GB RDIMM), which is allowed to mix in a single Base Unit.

- (2) Unit of memory expansion: 1 set (2 x DIMMs) for Normal Mode, 2 sets (4 x DIMMs) for Mirror Mode and 3 sets (6 x DIMMs) for Spare Mode.



In case none of the 2 conditions below is applicable, please see "Memory Mounting (1)".

In case any of the 2 conditions below is applicable, please see "Memory Mounting (2)".

The conditions are:

- In a single Base Unit, total 4 x System Boards (SBs) are mounted.
- Address Range Mirror is enabled.

Memory Mounting (1)

DIMM mounting order on System Board

The Memory needs to be mounted from a small number in accordance with the chart below.

2 x CPUs per System Board

	CPU#0								CPU#1							
	0A0	0A3	0B0	0B3	0C0	0C3	0D0	0D3	1A0	1A3	1B0	1B3	1C0	1C3	1D0	1D3
	0A1	0A4	0B1	0B4	0C1	0C4	0D1	0D4	1A1	1A4	1B1	1B4	1C1	1C4	1D1	1D4
	0A2	0A5	0B2	0B5	0C2	0C5	0D2	0D5	1A2	1A5	1B2	1B5	1C2	1C5	1D2	1D5
Normal	1	1	4	4	2	2	6	6	1	1	5	5	3	3	7	7
	8	8	12	12	10	10	14	14	9	9	13	13	11	11	15	15
	16	16	20	20	18	18	22	22	17	17	21	21	19	19	23	23
Mirror	1	1	1	1	2	2	2	2	1	1	1	1	3	3	3	3
	4	4	4	4	6	6	6	6	5	5	5	5	7	7	7	7
	8	8	8	8	10	10	10	10	9	9	9	9	11	11	11	11
Spare	1	1	4	4	2	2	6	6	1	1	5	5	3	3	7	7
	1	1	4	4	2	2	6	6	1	1	5	5	3	3	7	7
	1	1	4	4	2	2	6	6	1	1	5	5	3	3	7	7



DIMM slots on Memory Expansion Board

Mixed DIMM mounting condition on System Board

In case different type of DIMMs are mounted on the System Board, the DIMMs need to be mounted in accordance with the following rule.

The same type of DIMMs with the same Product ID need to be mounted in the slots with the same symbol.

2 x CPUs per System Board

	CPU#0								CPU#1							
	0A0	0A3	0B0	0B3	0C0	0C3	0D0	0D3	1A0	1A3	1B0	1B3	1C0	1C3	1D0	1D3
	0A1	0A4	0B1	0B4	0C1	0C4	0D1	0D4	1A1	1A4	1B1	1B4	1C1	1C4	1D1	1D4
	0A2	0A5	0B2	0B5	0C2	0C5	0D2	0D5	1A2	1A5	1B2	1B5	1C2	1C5	1D2	1D5
Normal	□	□	○	○	△	△	☆	☆	■	■	●	●	▲	▲	★	★
	□	□	○	○	△	△	☆	☆	■	■	●	●	▲	▲	★	★
	□	□	○	○	△	△	☆	☆	■	■	●	●	▲	▲	★	★
Mirror	□	□	□	□	△	△	△	△	■	■	■	■	▲	▲	▲	▲
	□	□	□	□	△	△	△	△	■	■	■	■	▲	▲	▲	▲
	□	□	□	□	△	△	△	△	■	■	■	■	▲	▲	▲	▲
Spare	□	□	○	○	△	△	☆	☆	■	■	●	●	▲	▲	★	★
	□	□	○	○	△	△	☆	☆	■	■	●	●	▲	▲	★	★
	□	□	○	○	△	△	☆	☆	■	■	●	●	▲	▲	★	★



DIMM slots on Memory Expansion Board

Memory Mounting (2)

DIMM mounting order on System Board

The memory needs to be mounted from a small number in accordance with the chart below.

2 x CPUs per System Board

	CPU#0								CPU#1							
	0A0	0A3	0B0	0B3	0C0	0C3	0D0	0D3	1A0	1A3	1B0	1B3	1C0	1C3	1D0	1D3
	0A1	0A4	0B1	0B4	0C1	0C4	0D1	0D4	1A1	1A4	1B1	1B4	1C1	1C4	1D1	1D4
	0A2	0A5	0B2	0B5	0C2	0C5	0D2	0D5	1A2	1A5	1B2	1B5	1C2	1C5	1D2	1D5
Normal	1	1	2	2	1	1	2	2	1	1	2	2	1	1	2	2
	3	3	4	4	3	3	4	4	3	3	4	4	3	3	4	4
	5	5	6	6	5	5	6	6	5	5	6	6	5	5	6	6
Mirror	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Spare	1	1	2	2	1	1	2	2	1	1	2	2	1	1	2	2
	1	1	2	2	1	1	2	2	1	1	2	2	1	1	2	2
	1	1	2	2	1	1	2	2	1	1	2	2	1	1	2	2



DIMM slots on Memory Expansion Board

DIMM mixed mounting condition on System Board

In case different type of DIMMs are mounted on the System Board, the DIMMs need to be mounted in accordance with the following rule.

The same type of DIMMs with the same Product ID need to be mounted in the slots with the same symbol.

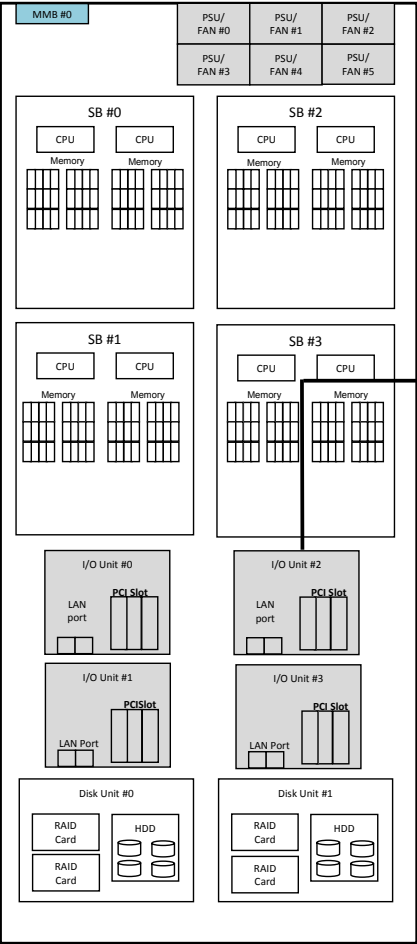
2 x CPUs per System Board

	CPU#0								CPU#1							
	0A0	0A3	0B0	0B3	0C0	0C3	0D0	0D3	1A0	1A3	1B0	1B3	1C0	1C3	1D0	1D3
	0A1	0A4	0B1	0B4	0C1	0C4	0D1	0D4	1A1	1A4	1B1	1B4	1C1	1C4	1D1	1D4
	0A2	0A5	0B2	0B5	0C2	0C5	0D2	0D5	1A2	1A5	1B2	1B5	1C2	1C5	1D2	1D5
Normal	□	□	○	○	□	□	○	○	□	□	○	○	□	□	○	○
	□	□	○	○	□	□	○	○	□	□	○	○	□	□	○	○
	□	□	○	○	□	□	○	○	□	□	○	○	□	□	○	○
Mirror	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Spare	□	□	○	○	□	□	○	○	□	□	○	○	□	□	○	○
	□	□	○	○	□	□	○	○	□	□	○	○	□	□	○	○
	□	□	○	○	□	□	○	○	□	□	○	○	□	□	○	○



DIMM slots on Memory Expansion Board

6. I/O Unit



Min. 1 x I/O Unit needs to be mounted for either 1GbE or 10GbE.

I/O Unit (1GbE)

MC-3HUX31B / MCX3HUX31B (LD)

- Min. 1 x I/O Unit needs to be mounted.
- Max. 4 x I/O Units can be mounted.
- 2 x LAN ports for 1GbE per I/O unit.
- 4 x PCIe slots (Low Profile) per I/O Unit.
- PCIe slots in I/O Unit are not hot pluggable.

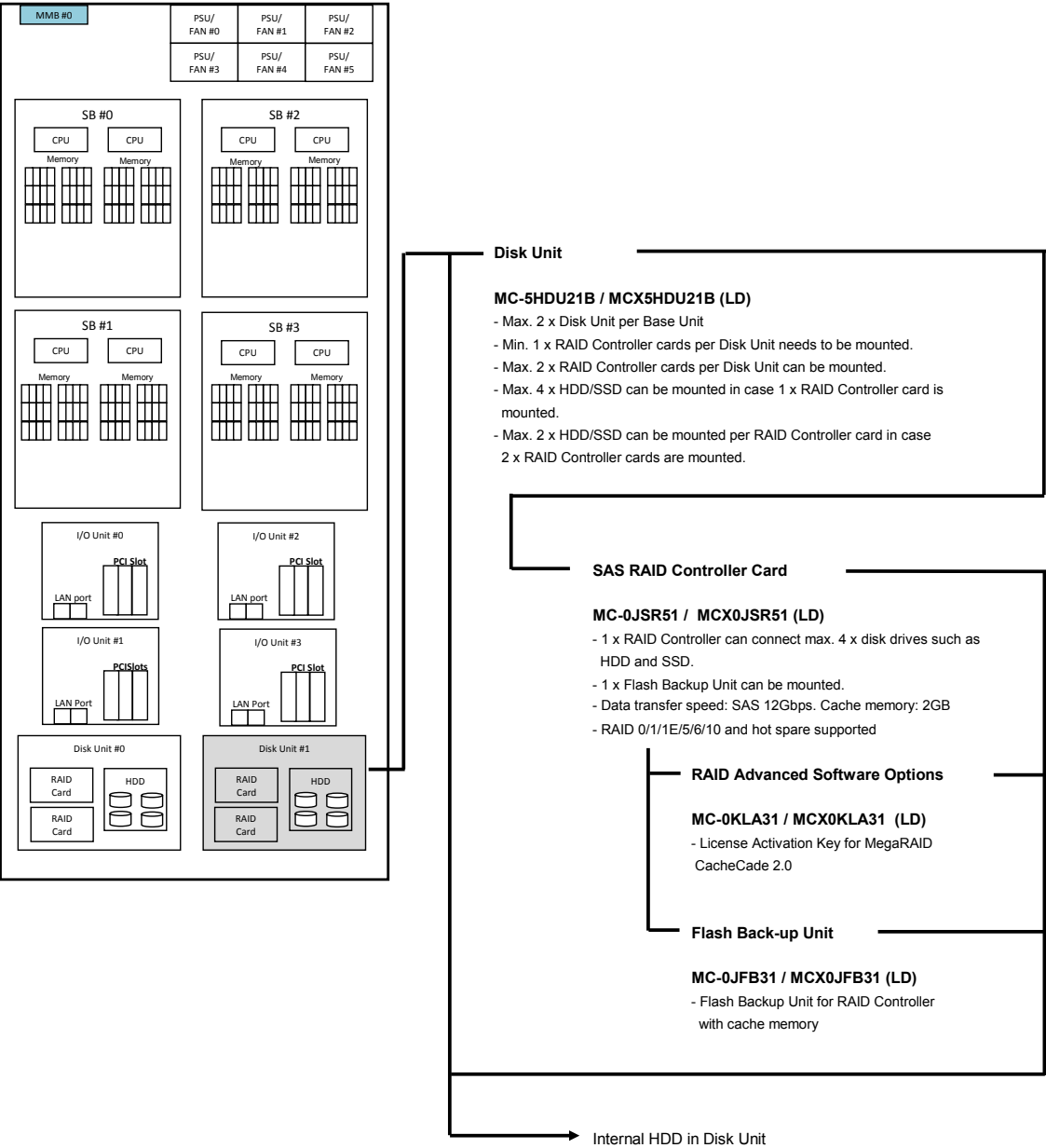
I/O Unit (10GbE)

MC-3HUX41B / MCX3HUX41B (LD)

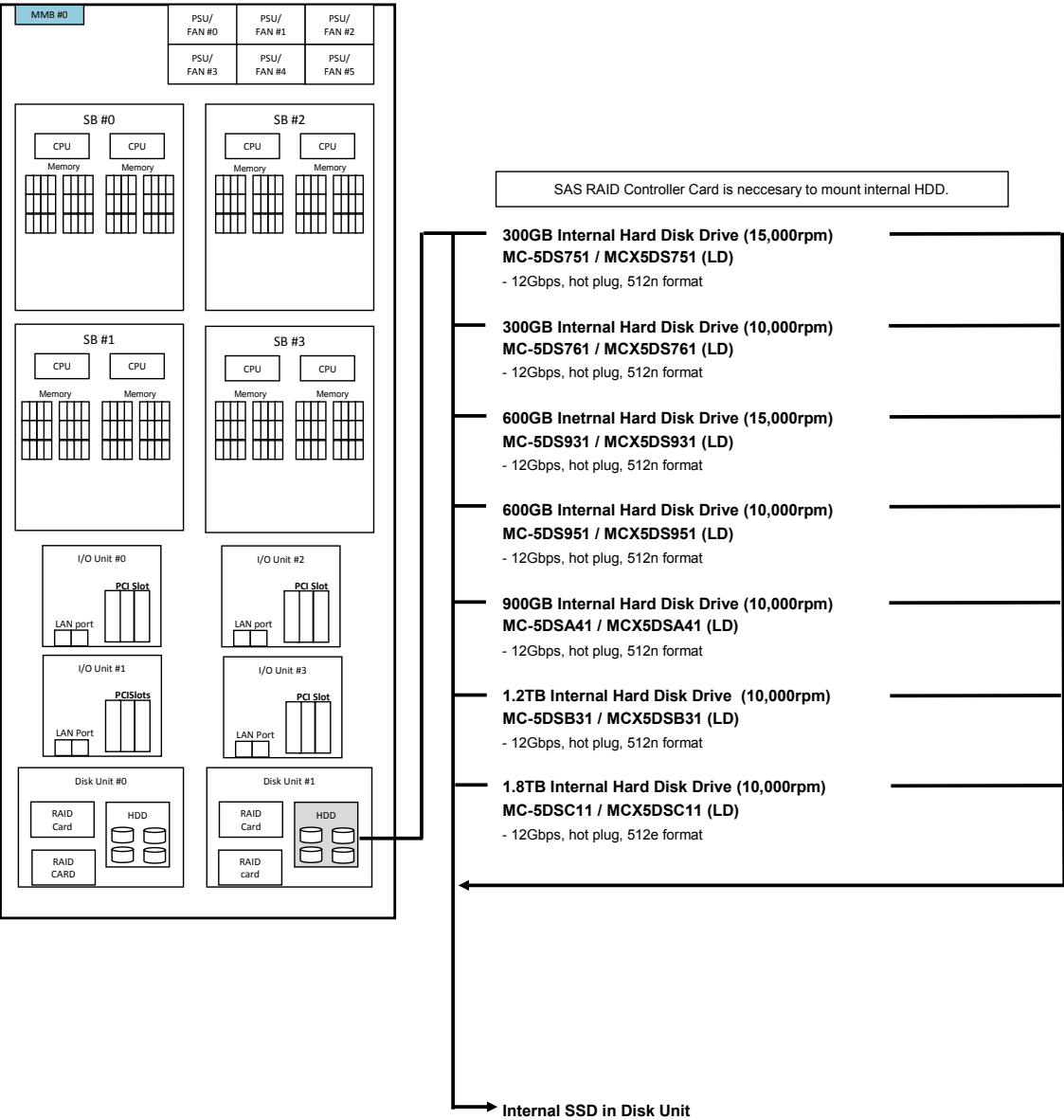
- Min. 1 x I/O Unit needs to be mounted.
- Max. 4 x I/O Units can be mounted.
- 2 x LAN ports for 10GbE per I/O unit.
- 3 x PCIe slots (1 x Low Profile, 2 x Full Height) per I/O Unit.
- PCIe slots in I/O unit are not hot pluggable.

→ Disk Unit

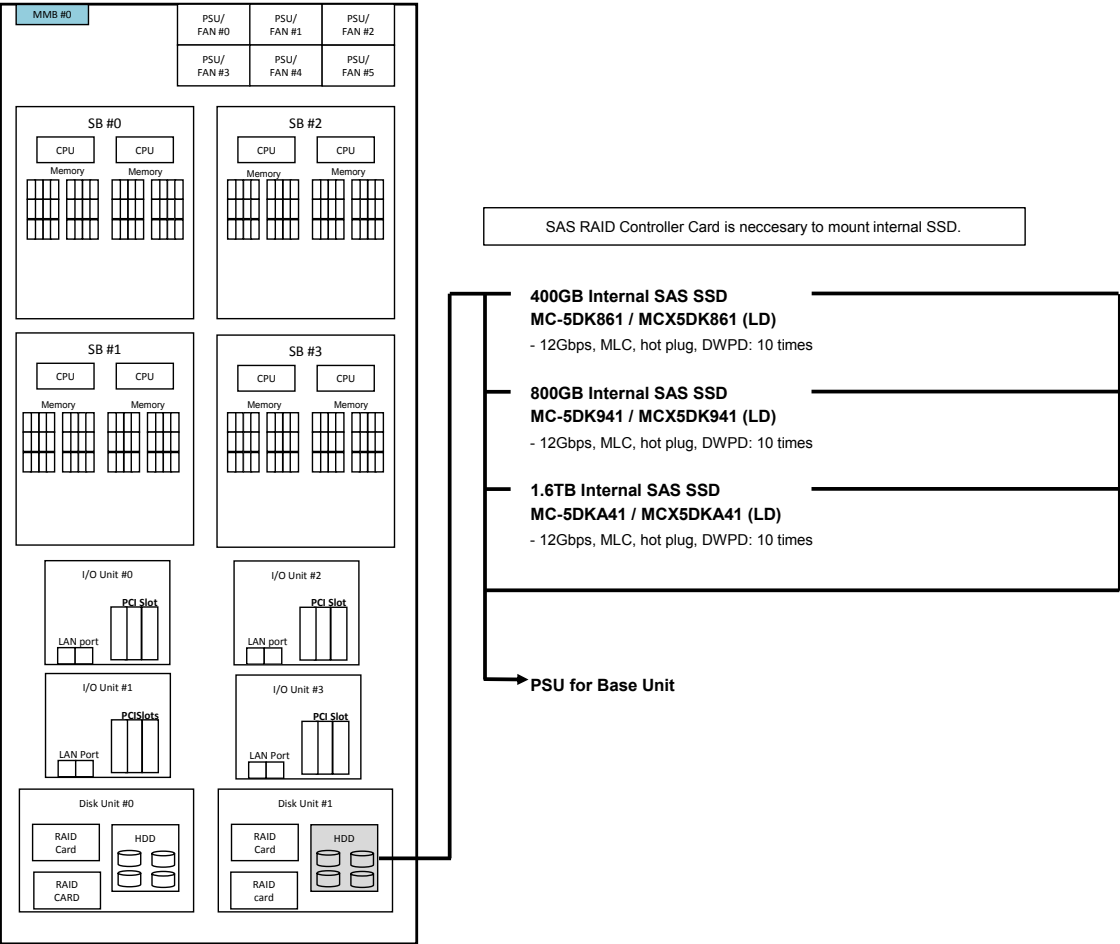
7. Disk Unit



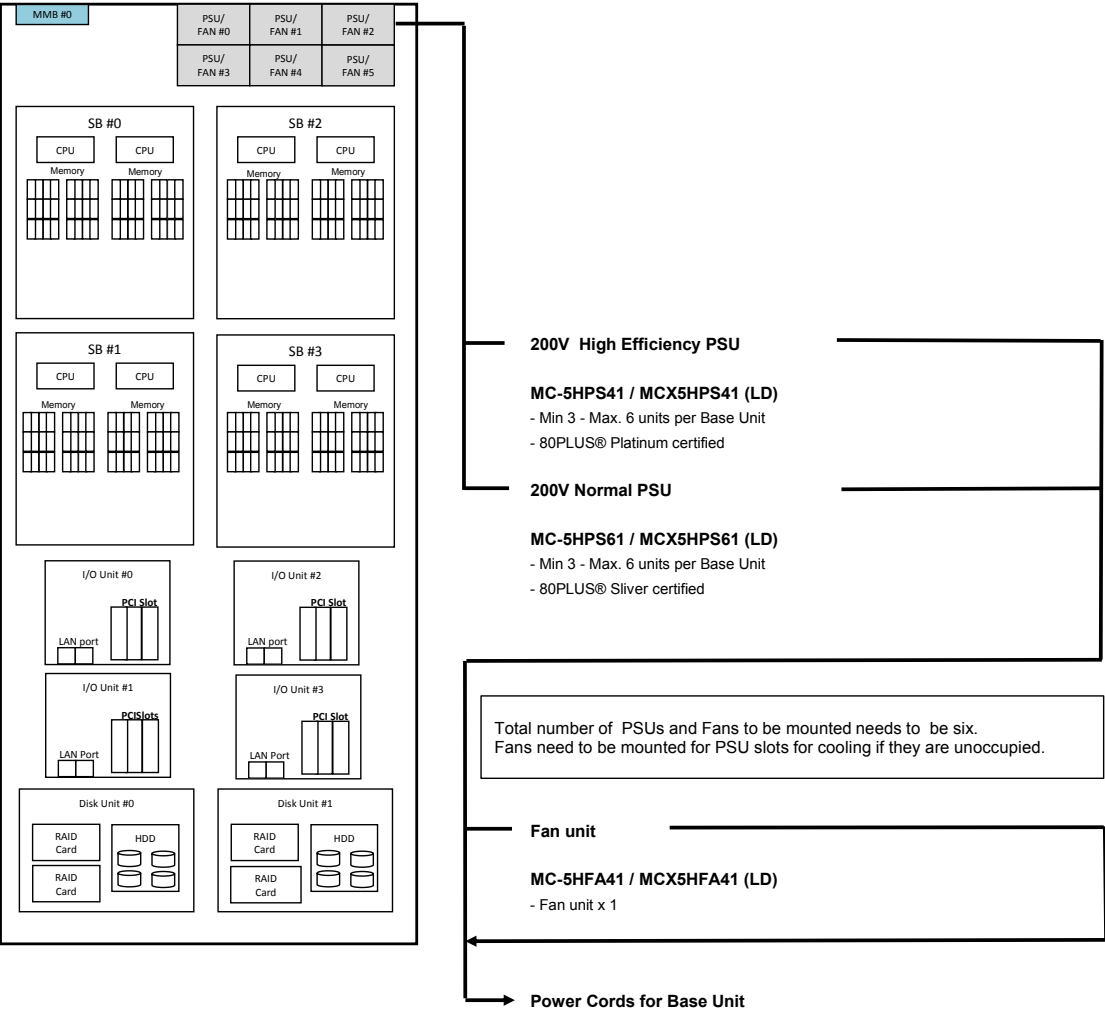
8. Internal HDD in Disk Unit



8. Internal SSD in Disk Unit



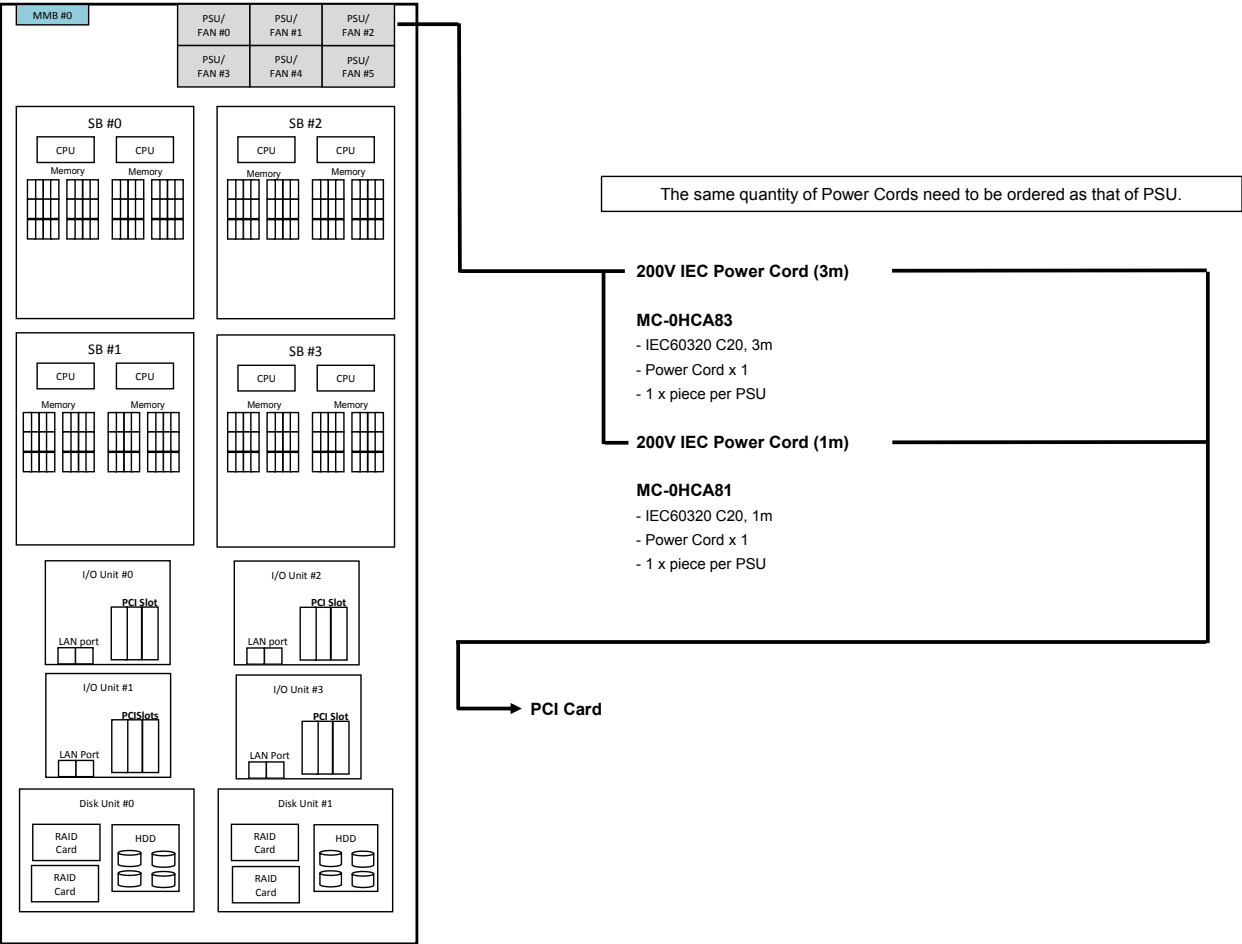
9. PSU for Base Unit



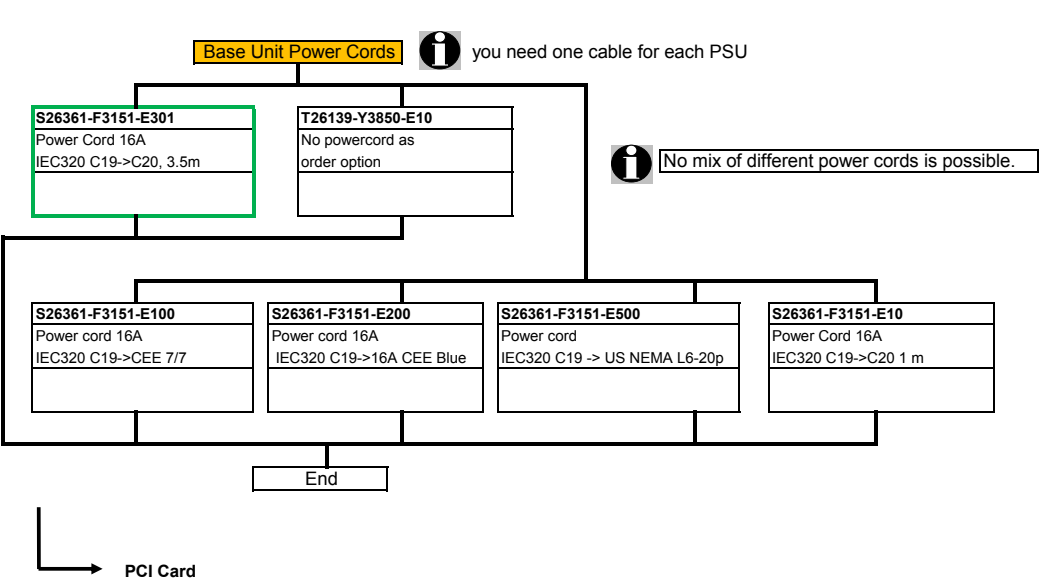
Input voltage	Power feed	Redundancy	# of PSU	Required quantity		
				PSU	Fan	Power cord
AC 200V	Single	Not redundant	3	3	3	3
		redundant (*1)	4 (3+1)	4	2	4
		redundant (*2)	6 (3×2)	6	0	6

(*1) Single power feed configuration will help to supply power even in the event of PSU failure.
(*2) Dual power feed configuration will help to supply power even in the event of one Power feed failure or PSU failure.

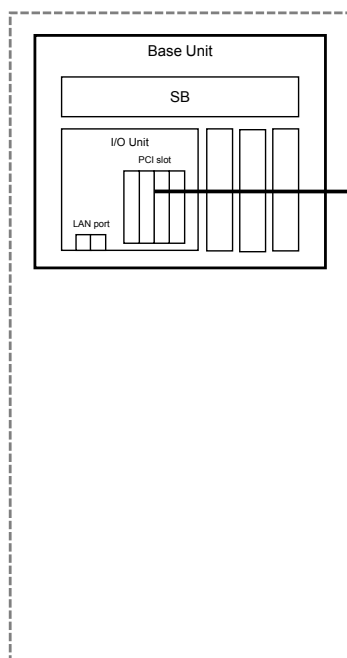
9. Power Cords for Base Unit for APAC and Americas



9. Power Cords for Base Unit for EMEA & India



10. PCI Card



Per Base Unit:
Max. 16 x PCI Cards can be mounted in 4 x I/O Units (1GbE) .

-Per I/O Unit (1GbE) : Max. 4 x PCI cards can be mounted.
-Per I/O Unit (10GbE) : Max. 3 x PCI cards can be mounted.

Single Channel 8Gbps Fibre Channel Card MC-0JFC31 / MCX0JFC31 (LD)

- LPe1250, Low Profile

Single Channel 8Gbps Fibre Channel Card MC-0JFC91 / MCX0JFC91 (LD)

- LPe1250, Full Height

Dual Channel 8Gbps Fibre Channel Card MC-0JFC41 / MCX0JFC41 (LD)

- LPe12002, Low Profile

Dual Channel 8Gbps Fibre Channel Card MC-0JFCA1 / MCX0JFCA1 (LD)

- LPe12002, Full Height

Single Channel 16Gbps Fibre Channel Card MC-0JFC71 / MCX0JFC71 (LD)

- LPe16000, Low Profile

Single Channel 16Gbps Fibre Channel Card MC-0JFC72

- LPe16000, Full Height

Dual Channel Fibre Channel Card (16Gbps) MC-0JFC81 / MCX0JFC81 (LD)

- LPe16002, Low Profile

Dual Channel Fibre Channel Card (16Gbps) MC-0JFC82

- LPe16002, Full Height

Single Channel 8Gbps Fiber Channel Card MC-0JFC51 / MCX0JFC51 (LD)

- QLE2560, Low Profile

Single Channel 8Gbps Fiber Channel Card MC-0JFC52

- QLE2560, Full Height

Dual Channel 8Gbps Fiber Channel Card MC-0JFC61 / MCX0JFC61 (LD)

- QLE2562, Low Profile

Dual Channel 8Gbps Fiber Channel Card MC-0JFC62

- QLE2562, Full Height

Single Channel 16Gbps Fiber Channel Card MC-0JFCB1 / MCX0JFCB1 (LD)

- QLE2670, Low Profile

Single Channel 16Gbps Fiber Channel Card MC-0JFCB2

- QLE2670, Full Height

Dual Channel 16Gbps Fiber Channel Card MC-0JFCC1 / MCX0JFCC1 (LD)

- QLE2672, Low Profile

Dual Channel 16Gbps Fiber Channel Card MC-0JFCC2

- QLE2672, Full Height

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10. PCI Card

Per Base Unit:
Max. 16 x PCI Cards can be mounted in 4 x I/O Units (1GbE) .
-Per I/O Unit (1GbE) : Max. 4 x PCI cards can be mounted.
-Per I/O Unit (10GbE) : Max. 3 x PCI cards can be mounted.

Dual Channel 10G BASE Card
(MC-0JXE41 / MCX0JXE41; MC-0JXE42 / MCX0JXE42)
In using these cards, the 10GBASE-CR(Twinax) cable is necessary.
The cables longer than 5 meters cannot be used.
The cables need to be 5 meters long or shorter than that.

Dual Channel 1000BASE-T Card MC-0JGEA1 / MCX0JGEA1 (LD) - Eth Ctrl 2x 1GbE [Intel® Ethernet Controller I350] Low Profile
Dual Channel 1000BASE-T Card MC-0JGEA2 - Eth Ctrl 2x 1GbE [Intel® Ethernet Controller I350] Full Height
Quad Channel 1000BASE-T Card MC-0JGEB1 / MCX0JGEB1 (LD) - Eth Ctrl 4x 1GbE [Intel® Ethernet Controller I350] Low Profile
Quad Channel 1000BASE-T Card MC-0JGEB2 - Eth Ctrl 4x 1GbE [Intel® Ethernet Controller I350] Full Height
Dual Channel 10G BASE-T Card MC-0JXE31 / MCX0JXE31(LD) - Eth Ctrl 10GBase-T (RJ45) – Intel Twinville based, Low Profile
Dual Channel 10G BASE-T Card MC-0JXE32 - Eth Ctrl 10GBase-T (RJ45) – Intel Twinville based, Full Height
Dual Channel 10G BASE Card MC-0JXE41 / MCX0JXE41(LD) - Eth Ctrl 2x 10Gb SFP+ - SR/DA, PCIe x8, D2755 – Intel Niantic based, Low Profile
Dual Channel 10G BASE Card MC-0JXE42 / MCX0JXE42 - Eth Ctrl 2x 10Gb SFP+ - SR/DA, PCIe x8, D2755 – Intel Niantic based, Full Height
Dual Channel 10G BASE Card MC-0JXE61 / MCX0JXE61(LD) - LAN Ctrl 10Gb 2 Channels based on OCe14102-NX with Low Profile bracket
Dual Channel 10G BASE Card MC-0JXE62 - LAN Ctrl 10Gb 2 Channels based on OCe14102-NX with Full Height bracket
Dual Channel 10G BASE Card MC-0JXE71 / MCX0JXE71(LD) - LAN Ctrl 10Gb 2 Channels based on OCe14102-NT with Low Profile bracket
Dual Channel 10G BASE Card MC-0JXE72 - LAN Ctrl 10Gb 2 Channels based on OCe14102-NT with Full Height bracket

next page

10. PCI Card

Per Base Unit:
Max. 16 x PCI Cards can be mounted in 4 x I/O Units (1GbE) .

-Per I/O Unit (1GbE) : Max. 4 x PCI cards can be mounted.
-Per I/O Unit (10GbE) : Max. 3 x PCI cards can be mounted.

Dual Channel FCoE card (10Gbps) LP MC-0JCE61 / MCX0JCE61 (LD) - CNA Ctrl 10Gb 2 Channels OCe10102 with Low Profile bracket Dual Channel 10Gbps LAN Card (SFP+) MC-0JCE71 / MCX0JCE71 (LD) - SFP+ Module Multi Mode Fibre 10Gb FCoE
Dual Channel FCoE card (10Gbps) FH MC-0JCE62 - CNA Ctrl 10Gb 2 Channels OCe10102 with Full Height bracket Dual Channel 10Gbps LAN Card (SFP+) MC-0JCE71 / MCX0JCE71 (LD) - SFP+ Module Multi Mode Fibre 10Gb FCoE
Single Channel FCoE card (40Gbps) LP MC-0JCE91 / MCX0JCE91 (LD) - CNA Ctrl 40Gb 1 Channel OCe14401 - Low Profile QSFP+ module for 40G FCoE MC-0JCEA1 / MCX0JCEA1 (LD) - SFP+ Module Multi Mode Fibre 40Gb FCoE

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10. PCI Card

Per Base Unit:
Max. 16 x PCI Cards can be mounted in 4 x I/O Units (1GbE) .

-Per I/O Unit (1GbE) : Max. 4 x PCI cards can be mounted.
-Per I/O Unit (10GbE) : Max. 3 x PCI cards can be mounted.

Single channel 56Gbps Infiniband HCA card MC-0JHC31 / MCX0JHC31 (LD)

- For PCI slots with Full Height / Low Profile brackets

Dual channel 56Gbps Infiniband HCA card MC-0JHC41 / MCX0JHC41 (LD)

- For PCI slots with Full Height / Low Profile brackets

Dual channel 12Gbps SAS RAID Controller Card MC-0JSR61 / MCX0JSR61 (LD)

- Low Profile

RAID Advanced Software Options MC-0KLA31 / MCX0KLA31 (LD)

- License Activation Key for MegaRAID CacheCade 2.0

FBU Mount Kit for Ext. SAS RAID Card MC-0HCK21 / MCX0HCK21 (LD)

- For mounting Flash Back-up Unit.
- 1 x Card can be mounted in the PCIe slots #0 of IOU (1Gbps) only .

Flash Back-up Unit MC-0JFB31 / MCX0JFB31 (LD)

- Max 2 x Flash Back-up Units can be mounted per FBU Mount Kit
for Ext. SAS RAID Card.

Dual channel 12Gbps SAS RAID Controller Card MC-0JSR62

- Full Height

RAID Advanced Software Options MC-0KLA31 / MCX0KLA31 (LD)

- License Activation Key for MegaRAID CacheCade 2.0

FBU Mount Kit for Ext. SAS RAID Card MC-0HCK21 / MCX0HCK21 (LD)

- For mounting Flash Back-up Unit.
- 1 x Card can be mounted in the PCIe slots #0 of IOU (1Gbps) only .

Flash Back-up Unit MC-0JFB31 / MCX0JFB31 (LD)

- Max 2 x Flash Back-up Units can be mounted per FBU Mount Kit
for Ext. SAS RAID Card.

Dual Channel 12Gbps SAS Card MC-0JSS31 / MCX0JSS31 (LD)

- Low Profile

Dual Channel 12Gbps SAS Card MC-0JSS32

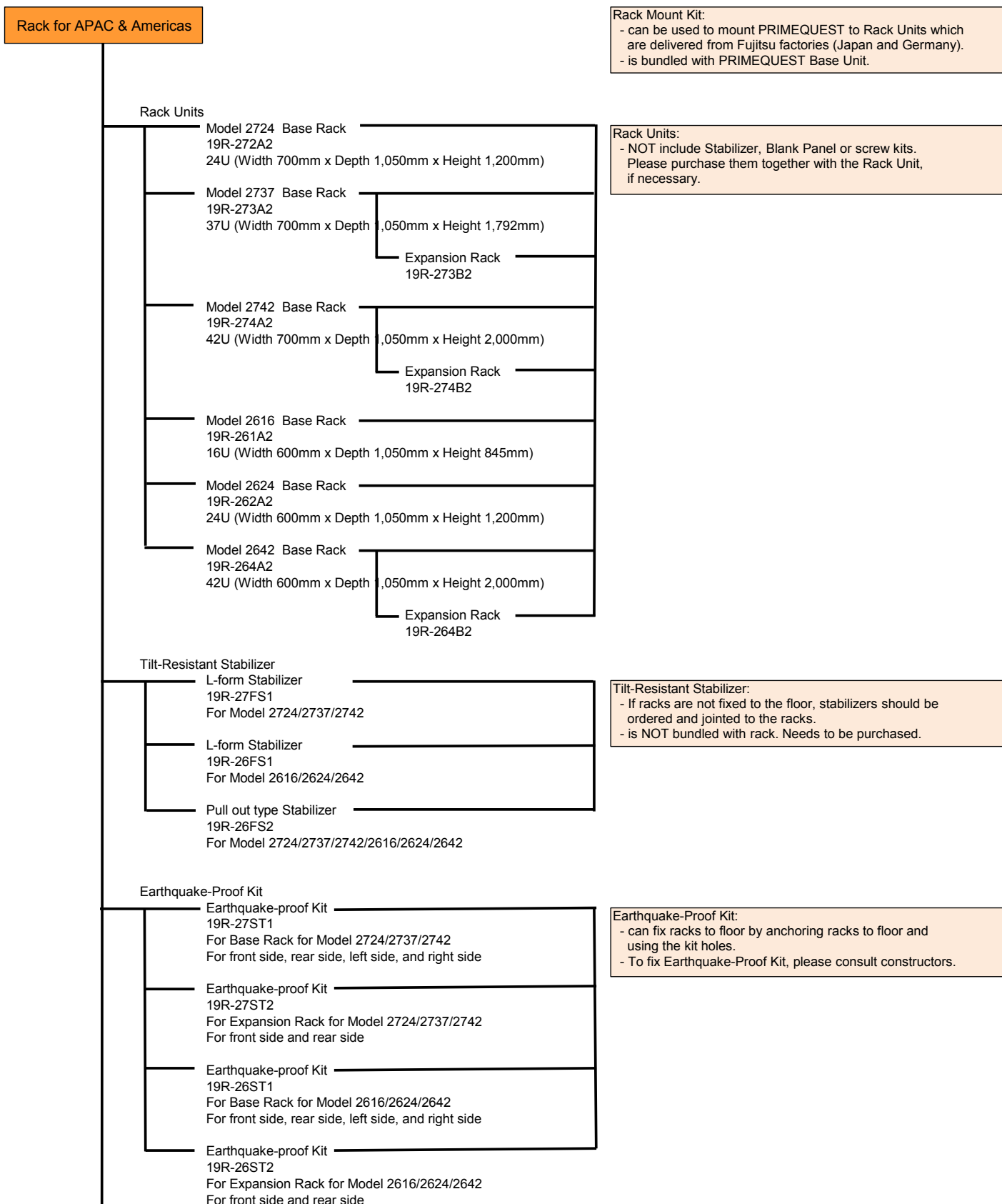
- Full Height

→ next page

11. Rack Installation for APAC and Americas

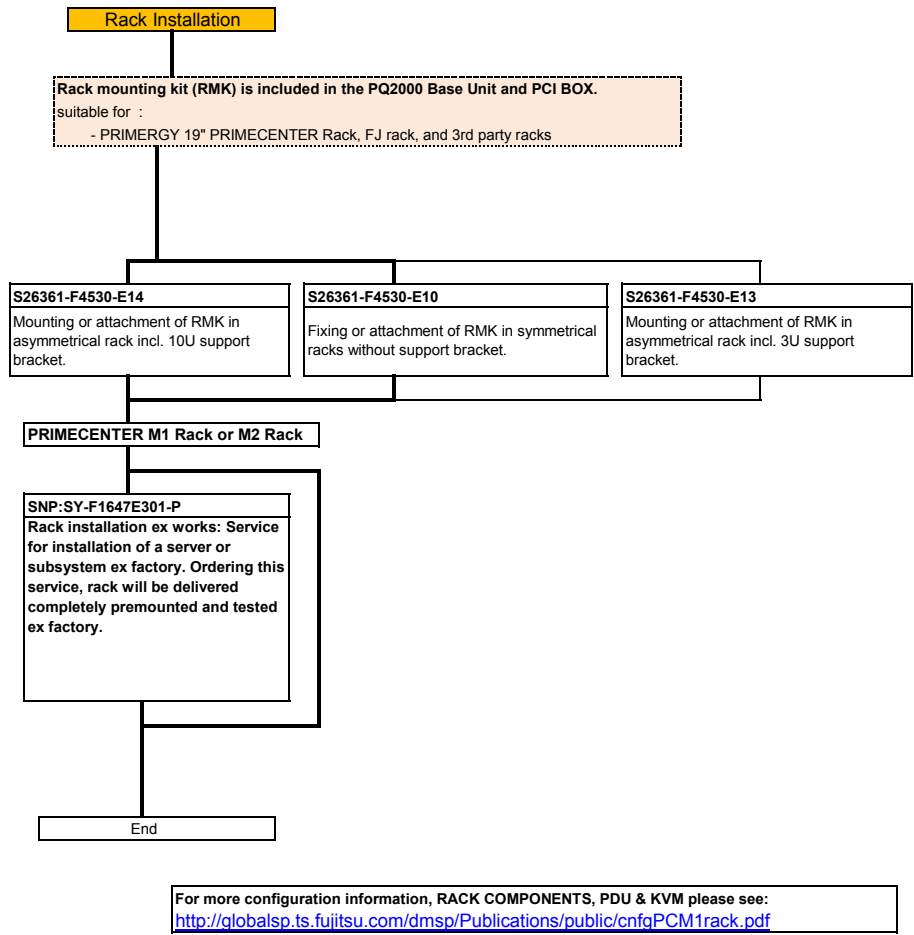
For the details of rack products, please refer to "19 inch Rack Handbook".

<https://globalpartners.ts.fujitsu.com/sites/primeweb/services/servers/primequest/document/Pages/dc-h-guide.aspx>



Blank Panel		
Blank Panel (1U)	19R-26BP1	Blank Panel: - is used to prevent outflow of heated air into a vacant space. - space to joint Side Cable Duct, if they are not jointed, should be covered with Blank Panels. For Model 2724: 2 spaces (1U) For Model 2737/2742: 4 spaces (1U) - is NOT bundled with racks. Needs to be purchased.
Blank Panel (2U)	19R-26BP2	
Blank Panel (3U)	19R-26BP3	
Side Cable Duct		
Side Cable Duct	19R-27SD1	Side Cable Duct: - is used to draw cables connected from the front side of equipments to the rear side of rack without occupying rack space by jointing the Side Cable Ducts to the apertures in the sides of racks. Model2724 : one aperture on each of left and right sides Model2737/2742: 2 apertures on each of left and right sides - can accommodate around 90 cables with 5mm diameter. - If one aperture is not jointed with Side Cable Duct, the aperture should be covered with one 1U Blank Panel (19R-26BP1), which needs to be purchased.
	For Model 2724/2737/2742	
Rack Tray		
Rack Tray (Fixed Type)	19R-26TR1	
Rack Tray (Slide Type)	19R-26TR2	
Laptop PC Tray	19R-26TR3	
Cable Holder		
Cable Holder for front side	19R-27CM1	* Cable holders bundled to each rack: Model 2724: 6 pcs per Rack Model 2737: 8 pcs per Rack Model 2742: 10 pcs per Rack Model 2616: 4 pcs per Rack Model 2624: 6 pcs per Rack Model 2642: 10 pcs per Rack If the bundled quantity is insufficient, please purchase additional cable holders.
	* For Model 2724/2737/2742	
Cable Holder for rear side	19R-27CM2	
	* For Model 2724/2737/2742	
Cable Holder for front side	19R-26CM1	
	* For Model 2616/2624	
Cable Holder for rear side	19R-26CM2	
	* For Model 2616/2624	
Cable Holder for front side	19R-26CM11	
	* For Model 2642	
Cable Holder for rear side	19R-26CM21	
	* For Model 2642	
Screw kit		
Screw kit	19R-26SC1	Screw Kit: - Needs to be purchased if equipments do not include screws or nuts to be fixed in a rack. - is NOT bundled with the 19 inch racks.
	50 pcs of M6 screws and 50 pcs of M6 cage nuts	

11. Rack Installation for EMEA and India



12. Maximum Quantity of PCIe Cards

Maximum Quantity of PCI Cards that can be mounted per Base Unit

Product Name		Order Number						Quantity
		Shipped with Base Units			Loose Delivery			PQ2800B3
		Bracket	Bracket	Bracket	Bracket	Bracket	Bracket	
SAS RAID controller card	For mounting HDD/SSD	MC-0JSR51	-	-	MCX0JSR51	-	-	4
Dual channel 12Gbps SAS RAID controller card		MC-0JSR61	LP	MC-0JSR62	FH	MCX0JSR61	LP/FH	8
Dual channel 12Gbps SAS Card		MC-0JSS31	LP	MC-0JSS32	FH	MCX0JSS31	LP/FH	8
Single Channel 8Gbps Fibre Channel Card	Emulex LPe1250 *1	MC-0JFC31	LP	MC-0JFC91	FH	MCX0JFC31	LP	16(*2)
Dual Channel 8Gbps Fibre Channel Card	Emulex LPe12002 *1	MC-0JFC41	LP	MC-0JFCA1	FH	MCX0JFC41	LP	
Single Channel 16Gbps Fibre Channel Card	Emulex LPe16000 *1	MC-0JFC71	LP	MC-0JFC72	FH	MCX0JFC71	LP/FH	
Dual Channel 16Gbps Fibre Channel Card	Emulex LPe16002 *1	MC-0JFC81	LP	MC-0JFC82	FH	MCX0JFC81	LP/FH	
Single Channel 8Gbps Fibre Channel Card	Qlogic QLE2560 *1	MC-0JFC51	LP	MC-0JFC52	FH	MCX0JFC51	LP/FH	16
Dual Channel 8Gbps Fibre Channel Card	Qlogic QLE2562 *1	MC-0JFC61	LP	MC-0JFC62	FH	MCX0JFC61	LP/FH	
Single Channel 16Gbps Fibre Channel Card	Qlogic QLE2670 *1	MC-0JFCB1	LP	MC-0JFCB2	FH	MCX0JFCB1	LP/FH	
Dual Channel 16Gbps Fibre Channel Card	Qlogic QLE2672 *1	MC-0JFCC1	LP	MC-0JFCC2	FH	MCX0JFCC1	LP/FH	
Dual Channel FCoE card (10Gbps)	*1	MC-0JCE61	LP	MC-0JCE62	FH	MCX0JCE61	LP/FH	16(*2)
Single Channel FCoE card (40Gbps)	*1	MC-0JCE91	LP	-	-	MCX0JCE91	LP/FH	8(*2)
Dual Channel 1000BASE-T Card		MC-0JGEA1	LP	MC-0JGEA2	FH	MCX0JGEA1	LP/FH	16(*3)
Quad Channel 1000BASE-T Card		MC-0JGEB1	LP	MC-0JGEB2	FH	MCX0JGEB1	LP/FH	
Dual Channel 10G BASE-T Card		MC-0JXE31	LP	MC-0JXE32	FH	MCX0JXE31	LP/FH	16
Dual Channel 10G BASE-T Card		MC-0JXE71	LP	MC-0JXE72	FH	MCX0JXE71	LP/FH	
Dual Channel 10G BASE Card		MC-0JXE41	LP	MC-0JXE42	FH	MCX0JXE41	LP	
Dual Channel 10G BASE Card		MC-0JXE61	LP	MC-0JXE62	FH	MCX0JXE61	LP/FH	
Single channel 56Gbps Infiniband HCA card		MC-0JHC31	-	-	-	MCX0JHC31	-	16
Dual channel 56Gbps Infiniband HCA card		MC-0JHC41	-	-	-	MCX0JHC41	-	
PCI BoX Connection Card		MC-0JPC11	-	-	-	MCX0JPC11	-	-

Bracket Size:Low Profile(LP), Full Height(FH)

Notes:

*1) Emulex Fibre Channel Cards/FCoE (CNA) Cards and Qlogic Fibre Channel Cards CANNOT be used in the same partition.

*2) Max total quantity of "Emulex Fibre Channel Cards" and "FCoE Cards (10Gbps/40Gbps)" that can be mounted:

-Max 16 x Cards per Partition

*3) Max Quantity of 1000BASE-T Cards that can be mounted per I/O Unit:

-4x Cards per I/O Unit (1Gbps)

-2x Cards per I/O Unit (10Gbps)

13. Available OS

A : Available NA : Not Available

	Product name	Order Number		Model			OS					Oracle VM	Oracle Linux	#1: Windows Server® 2012 R2 #2: Windows Server® 2016 #3: Red Hat® Enterprise Linux® 7(for Intel64) / Red Hat® Enterprise Linux® 6(for Intel64) #4: SUSE® Linux Enterprise Server 12 for AMD64 and Intel64 / SUSE® Linux Enterprise Server 11 for AMD64 and Intel64 #5: VMware ESXi 6.5 / VMware ESXi 6.0(Update1b and Update2)	
		Bracket Size:	Bracket Size:	PRIMEQUEST 2800E3	PRIMEQUEST 2400E3	PRIMEQUEST 2800B3	Windows Server® 2012 R2	Windows Server® 2016	RHEL7 / RHEL6	SLES12, SLES11	Vmware vSphere				
															Full Height
Base Unit	PRIMEQUEST 2800E3 Base Unit	MCH3AC111	-	-	-	A	-	-	A	A	A	A	A	A	
	PRIMEQUEST 2400E3 Base Unit	MCH2AC111	-	-	-	-	A	-	A	A	A	A	A	A	
	PRIMEQUEST 2800B3 Base Unit	MCH3AC111B	-	-	-	-	-	A	A	A	A	A	A	A	
System Board	System Board for 2800E3	MC-3HSB91	-	MCX3HSB91	-	A	-	-	A	A	A	A	A	A	
	System Board for 2400E3	MC-2HSB91	-	MCX2HSB91	-	-	A	-	A	A	A	A	A	A	
	System Board for 2800B3	MC-3HSB91B	-	MCX3HSB91B	-	-	-	A	A	A	A	A	A	A	
	TPM Module(v1.2)	MC-6HTP11	-	MCX6HTP11	-	A	A	A	A	NA	A*	A	NA	NA	NA
	TPM Module(v2.0)	MC-6HTP21	-	MCX6HTP21	-	A	A	A	A	NA	NA	NA	A	NA	NA
	RAID Control Card Mount Kit	MC-0HCK31	-	MCX0HCK31	-	A	A	A	-	A	A	A	A	A	A
CPU	CPU Module(2.4GHz/24 core/60MB cache)	MC-3BEJ21	-	MCX3BEJ21	-	A	-	-	A	A	A	A	A	A	
	CPU Module(2.4GHz/24 core/60MB cache)	MC-2BEJ21	-	MCX2BEJ21	-	-	A	-	A	A	A	A	A	A	
	CPU Module(2.4GHz/24 core/60MB cache)	MC-3BEJ21B	-	MCX3BEJ21B	-	-	-	A	A	A	A	A	A	A	
	CPU Module(3.2GHz/4 core/60MB cache)	MC-3BED11	-	MCX3BED11	-	A	-	-	A	A	A	A	A	A	
	CPU Module(3.2GHz/4 core/60MB cache)	MC-2BED11	-	MCX2BED11	-	-	A	-	A	A	A	A	A	A	
	CPU Module(3.2GHz/4 core/60MB cache)	MC-3BED11B	-	MCX3BED11B	-	-	-	A	A	A	A	A	A	A	
	CPU Module(2.8GHz/10 core/60MB cache)	MC-3BEG11	-	MCX3BEG11	-	A	-	-	A	A	A	A	A	A	
	CPU Module(2.8GHz/10 core/60MB cache)	MC-2BEG11	-	MCX2BEG11	-	-	A	-	A	A	A	A	A	A	
	CPU Module(2.8GHz/10 core/60MB cache)	MC-3BEG11B	-	MCX3BEG11B	-	-	-	A	A	A	A	A	A	A	
	CPU Module(2.2GHz/24 core/60MB cache)	MC-3BEA11	-	MCX3BEA11	-	A	-	-	A	A	A	A	A	A	
	CPU Module(2.2GHz/24 core/60MB cache)	MC-2BEA11	-	MCX2BEA11	-	-	A	-	A	A	A	A	A	A	
	CPU Module(2.2GHz/24 core/60MB cache)	MC-3BEA11B	-	MCX3BEA11B	-	-	-	A	A	A	A	A	A	A	
	CPU Module(2.2GHz/22 core/55MB cache)	MC-3BEE11	-	MCX3BEE11	-	A	-	-	A	A	A	A	A	A	
	CPU Module(2.2GHz/22 core/55MB cache)	MC-2BEE11	-	MCX2BEE11	-	-	A	-	A	A	A	A	A	A	
	CPU Module(2.2GHz/22 core/55MB cache)	MC-3BEE11B	-	MCX3BEE11B	-	-	-	A	A	A	A	A	A	A	
	CPU Module(2.1GHz/20 core/50MB cache)	MC-3BEF11	-	MCX3BEF11	-	A	-	-	A	A	A	A	A	A	
	CPU Module(2.1GHz/20 core/50MB cache)	MC-2BEF11	-	MCX2BEF11	-	-	A	-	A	A	A	A	A	A	
	CPU Module(2.1GHz/20 core/50MB cache)	MC-3BEF11B	-	MCX3BEF11B	-	-	-	A	A	A	A	A	A	A	
	CPU Module(2.4GHz/18 core/45MB cache)	MC-3BEC11	-	MCX3BEC11	-	A	-	-	A	A	A	A	A	A	
	CPU Module(2.4GHz/18 core/45MB cache)	MC-2BEC11	-	MCX2BEC11	-	-	A	-	A	A	A	A	A	A	
	CPU Module(2.4GHz/18 core/45MB cache)	MC-3BEC11B	-	MCX3BEC11B	-	-	-	A	A	A	A	A	A	A	
	CPU Module(2.2GHz/18 core/45MB cache)	MC-3BEB11	-	MCX3BEB11	-	A	-	-	A	A	A	A	A	A	
	CPU Module(2.2GHz/18 core/45MB cache)	MC-2BEB11	-	MCX2BEB11	-	-	A	-	A	A	A	A	A	A	
	CPU Module(2.2GHz/18 core/45MB cache)	MC-3BEB11B	-	MCX3BEB11B	-	-	-	A	A	A	A	A	A	A	
	CPU Module(2.1GHz/14 core/35MB cache)	MC-3BEK11	-	MCX3BEK11	-	A	-	-	A	A	A	A	A	A	
	CPU Module(2.1GHz/14 core/35MB cache)	MC-2BEK11	-	MCX2BEK11	-	-	A	-	A	A	A	A	A	A	
	CPU Module(2.1GHz/14 core/35MB cache)	MC-3BEK11B	-	MCX3BEK11B	-	-	-	A	A	A	A	A	A	A	
Memory	Memory Expansion Board	MC-3HMB31	-	MCX3HMB31	-	A	-	-	A	A	A	A	A	A	
	Memory Expansion Board	MC-2HMB31	-	MCX2HMB31	-	-	A	-	A	A	A	A	A	A	
	Memory Expansion Board	MC-3HMB31B	-	MCX3HMB31B	-	-	-	A	A	A	A	A	A	A	
	Memory Scale-up Board	MC-2HMSA1	-	MCX2HMSA1	-	-	A	-	NA	NA	A	NA	NA	NA	NA
	16GB memory (8GB DDR4 DIMM x 2)	MC-3CD521	-	MCX3CD521	-	A	-	-	A	A	A	A	A	A	
	16GB memory (8GB DDR4 DIMM x 2)	MC-2CD521	-	MCX2CD521	-	-	A	-	A	A	A	A	A	A	
	16GB memory (8GB DDR4 DIMM x 2)	MC-3CD521B	-	MCX3CD521B	-	-	-	A	A	A	A	A	A	A	
	32GB memory (16GB DDR4 DIMM x 2)	MC-3CD621	-	MCX3CD621	-	A	-	-	A	A	A	A	A	A	
	32GB memory (16GB DDR4 DIMM x 2)	MC-2CD621	-	MCX2CD621	-	-	A	-	A	A	A	A	A	A	
	32GB memory (16GB DDR4 DIMM x 2)	MC-3CD621B	-	MCX3CD621B	-	-	-	A	A	A	A	A	A	A	
	32GB memory (16GB DDR4 DIMM x 2)	MC-3CD631	-	MCX3CD631	-	A	-	-	A	A	A	A	A	A	
	32GB memory (16GB DDR4 DIMM x 2)	MC-3CD631B	-	MCX3CD631B	-	-	-	A	A	A	A	A	A	A	
	64GB memory (32GB DDR4 DIMM x2)	MC-3CD731	-	MCX3CD731	-	A	-	-	A	A	A	A	A	A	
	64GB memory (32GB DDR4 DIMM x2)	MC-2CD731	-	MCX2CD731	-	-	A	-	A	A	A	A	A	A	
	64GB memory (32GB DDR4 DIMM x2)	MC-3CD731B	-	MCX3CD731B	-	-	-	A	A	A	A	A	A	A	
	128GB memory (64GB DDR4 DIMM x 2)	MC-3CD811	-	MCX3CD811	-	A	-	-	A	A	A	A	A	A	
	128GB memory (64GB DDR4 DIMM x 2)	MC-2CD811	-	MCX2CD811	-	-	A	-	A	A	A	A	A	A	
	128GB memory (64GB DDR4 DIMM x 2)	MC-3CD811B	-	MCX3CD811B	-	-	-	A	A	A	A	A	A	A	
	256GB memory (128GB DDR4 DIMM x2)	MC-3CD911	-	MCX3CD911	-	A	-	-	A	A	A	A	A	A	
	256GB memory (128GB DDR4 DIMM x2)	MC-2CD911	-	MCX2CD911	-	-	A	-	A	A	A	A	A	A	
256GB memory (128GB DDR4 DIMM x2)	MC-3CD911B	-	MCX3CD911B	-	-	-	A	A	A	A	A	A	A		
Memory Mode Setting (Normal)	MC-0PMM1	-	-	-	-	-	A	A	A	A	A	A	A		
Memory Mode Setting (Mirror)	MC-0PMM3	-	-	-	A	A	A	A	A	A	A	A	A		
Memory Mode Setting(Spare)	MC-0PMM4	-	-	-	A	A	A	A	A	A	A	A	A		
Management Board	Management Board	MC-5HMM21	-	MCX5HMM21	-	A	A	-	A	A	A	A	A	A	

A* : (RHEL) Supported by RHEL7.2 and later.
NOT Supported by RHEL6.x.

NA: Not Available

-Needs to be connected to a System Board with 2x CPUs.
-Cannot be connected to a System Board with CPU/IC-2BEK11).

Mixture with 64GB/128GB Memory is not allowed in a partition.

Mixture with 64GB/128GB Memory is not allowed in a partition.

Mixture with 64GB/128GB Memory is not allowed in a partition.

Mixture with 64GB/128GB Memory is not allowed in a partition.

Mixture with 64GB/128GB Memory is not allowed in a partition.

Mixture with 64GB/128GB Memory is not allowed in a partition.

Mixture with 64GB/128GB Memory is not allowed in a partition.

Mixture with 64GB/128GB Memory is not allowed in a partition.

Dual Rank x4

Dual Rank x4

Mixture with 16GB/32GB/128GB Memory is not allowed in a partition.

Mixture with 16GB/32GB/128GB Memory is not allowed in a partition.

Mixture with 16GB/32GB/128GB Memory is not allowed in a partition.

Mixture with 16GB/32GB/128GB Memory is not allowed in a partition.

Mixture with 16GB/32GB/128GB Memory is not allowed in a partition.

Mixture with 16GB/32GB/128GB Memory is not allowed in a partition.

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Mixture with 16GB/32GB/128GB Memory is not allowed in a partition.

Mixture with 16GB/32GB/128GB Memory is not allowed in a partition.

Mixture with 16GB/32GB/128GB Memory is not allowed in a partition.

Mixture with 16GB/32GB/128GB Memory is not allowed in a partition.

13. Available OS

A : Available NA : Not Available

	Product name	Order Number				Model			OS					Oracle VM		
						PRIMEQUEST 2800E3	PRIMEQUEST 2400E3	PRIMEQUEST 2800B3	Windows Server® 2012 R2	Windows Server® 2016	RHEL7, RHEL6	SLES12, SLES11	VMware vSphere			Oracle Linux
		Bracket Size:		Bracket Size:												
			Full Height		Full Height				#1	#2	#3	#4	#5		#1: Windows Server® 2012 R2 #2: Windows Server® 2016 #3: Red Hat® Enterprise Linux® 7(for Intel64) / Red Hat® Enterprise Linux® 6(for Intel64) #4: SUSE® Linux Enterprise Server 12 for AMD64 and Intel64 / SUSE® Linux Enterprise Server 11 for AMD64 and Intel64 #5: VMware ESXi 6.5 / VMware ESXi 6.0(Update1b and Update2)	
I/O Unit	I/O Unit (1GbE)	MC-3HUX31	-	MCX3HUX31	-	A	-	-	A	A	A	A	A	A	A	
	I/O Unit (1GbE)	MC-2HUX31	-	MCX2HUX31	-	-	A	-	A	A	A	A	A	A	A	
	I/O Unit (1GbE)	MC-3HUX31B	-	MCX3HUX31B	-	-	-	A	A	A	A	A	A	A	A	
	I/O Unit (10GbE)	MC-3HUX41	-	MCX3HUX41	-	A	-	-	A	A	A	A	A	A	A	
	I/O Unit (10GbE)	MC-2HUX41	-	MCX2HUX41	-	-	A	-	A	A	A	A	A	A	A	
	I/O Unit (10GbE)	MC-3HUX41B	-	MCX3HUX41B	-	-	-	A	A	A	A	A	A	A	A	
Disk Unit	Disk Unit	MC-5HDX21	-	MCX5HDX21	-	A	A	-	A	A	A	A	A	A	A	
	Disk Unit	MC-5HDX21B	-	MCX5HDX21B	-	-	-	A	A	A	A	A	A	A	A	
Hard Disk Drive	300GB Internal HDD (15,000rpm)	MC-5DS751	-	MCX5DS751	-	A	A	A	A	A	A	A	A	A	A	
	300GB Internal HDD (10,000rpm)	MC-5DS761	-	MCX5DS761	-	A	A	A	A	A	A	A	A	A	A	
	600GB Internal HDD (15,000rpm)	MC-5DS931	-	MCX5DS931	-	A	A	A	A	A	A	A	A	A	A	
	600GB Internal HDD (10,000rpm)	MC-5DS951	-	MCX5DS951	-	A	A	A	A	A	A	A	A	A	A	
	900GB Internal HDD (10,000rpm)	MC-5DSA41	-	MCX5DSA41	-	A	A	A	A	A	A	A	A	A	A	
	1.2TB Internal HDD (10,000rpm)	MC-5DSB31	-	MCX5DSB31	-	A	A	A	A	A	A	A	A	A	A	
	1.8TB Internal HDD (10,000rpm)	MC-5DSC11	-	MCX5DSC11	-	A	A	A	A	A	A	A	A4	A	A	
Solid State Drive	400GB Internal SSD	MC-5DK861	-	MCX5DK861	-	A	A	A	A	A	A	A	A	A	A	
	800GB Internal SSD	MC-5DK941	-	MCX5DK941	-	A	A	A	A	A	A	A	A	A	A	
	1.6TB Internal SSD	MC-5DKA41	-	MCX5DKA41	-	A	A	A	A	A	A	A	A	A	A	
Power Supply Unit	100-240V AC High Efficiency PSU	MC-5HPS41	-	MCX5HPS41	-	A	A	A	A	A	A	A	A	A	A	
	100-240V AC Normal PSU	MC-5HPS61	-	MCX5HPS61	-	A	A	A	A	A	A	A	A	A	A	
Fan Unit	FAN Unit	MC-5HFA41	-	MCX5HFA41	-	A	A	A	A	A	A	A	A	A	A	
Power Supply Unit option	IEC AC (100V/200V) Cable (3m)	MC-0HCA83	-	-	-	A	A	A	Not dependent on OS							
	IEC AC (100V/200V) Cable (1m)	MC-0HCA81	-	-	-	A	A	A	Not dependent on OS							
PCI BOX	PCI BOX	MC-0HPB31	-	MCX0HPB31	-	A	A	-	A	NA	A	A	A	A	A	
	PSU for PCI BOX	MC-0HPS41	-	MCX0HPS41	-	A	A	-	A	NA	A	A	A	A	A	
	200V IEC Electric Cables for PCI Box (3m)	MC-0HCAB3	-	-	-	A	A	-	Not dependent on OS							
	200V IEC Electric Cables for PCI Box (1m)	MC-0HCAB1	-	-	-	A	A	-	Not dependent on OS							
PCIe Card	SAS RAID controller card	MC-0JSR51	-	MCX0JSR51	-	A	A	A	A	A	A	A	A	A	A	
	Flash Back-up Unit	MC-0JFB31	-	MCX0JFB31	-	A	A	A	A	A	A	A	A	A	A	
	Single Channel 8Gbps Fibre Channel Card	MC-0JFC31	MC-0JFC91	MCX0JFC31	MCX0JFC91	A	A	A	A	A	A	A	A	A	A	
	Dual Channel 8Gbps Fibre Channel Card	MC-0JFC41	MC-0JFC41	MCX0JFC41	MCX0JFC41	A	A	A	A	A	A	A	A	A	A	
	Single Channel 8Gbps Fiber Channel Card	MC-0JFC51	MC-0JFC52	MCX0JFC51	-	A	A	A	A	NA	A0	A	A	A	A	
	Dual Channel 8Gbps Fiber Channel Card	MC-0JFC61	MC-0JFC62	MCX0JFC61	-	A	A	A	A	NA	A0	A	A	A	A	
	Single Channel 16Gbps Fibre Channel Card	MC-0JFC71	MC-0JFC72	MCX0JFC71	-	A	A	A	A	NA	A	A	A	A	A	
	Dual Channel 16Gbps Fibre Channel Card	MC-0JFC81	MC-0JFC82	MCX0JFC81	-	A	A	A	A	NA	A	A	A	A	A	
	Single Channel 16Gbps Fiber Channel Card	MC-0JFCB1	MC-0JFCB2	MCX0JFCB1	-	A	A	A	A	NA	A0	A	A	A	A	
	Dual Channel 16Gbps Fiber Channel Card	MC-0JFCC1	MC-0JFCC2	MCX0JFCC1	-	A	A	A	A	NA	A0	A	A	A	A	
	Dual Channel 1000BASE-T Card	MC-0JGEA1	MC-0JGEA2	MCX0JGEA1	-	A	A	A	A	A	A	A	A	A	A	
	Quad Channel 1000BASE-T Card	MC-0JGEB1	MC-0JGEB2	MCX0JGEB1	-	A	A	A	A	A	A	A	A	A	A	
	Dual Channel 10G BASE-T Card	MC-0JXE31	MC-0JXE32	MCX0JXE31	-	A	A	A	A	A	A	A	A	A	A	
	Dual Channel 10G BASE-T Card	MC-0JXE71	MC-0JXE72	MCX0JXE71	-	A	A	A	A	A	A	A	A	A	A	
	Dual Channel 10G BASE Card	MC-0JXE41	MC-0JXE42	MCX0JXE41	MCX0JXE42	A	A	A	A	A	A	A	A	A	A	
	Dual Channel 10G BASE Card	MC-0JXE61	MC-0JXE62	MCX0JXE61	-	A	A	A	A	A	A	A	A	A	A	
	Dual Channel 10Gbps LAN Card (SFP+)	MC-0JXE51	-	MCX0JXE51	-	A	A	A	A	A	A	A	A	A	A	
	Dual Channel FCoE card (10Gbps)	MC-0JCE61	MC-0JCE62	MCX0JCE61	-	A	A	A	A	A	A	A	A	A	A	
	Dual Channel 10Gbps LAN Card (SFP+)	MC-0JCE71	-	MCX0JCE71	-	A	A	A	A	A	A	A	A	A	A	
	Single Channel FCoE card (40Gbps)	MC-0JCE91	-	MCX0JCE91	-	A	A	A	A	A	A	A	NA	A	A	
	QSFP+ module for 40G FCoE	MC-0JCEA1	-	MCX0JCEA1	-	A	A	A	A	A	A	A	NA	A	A	
	Single channel 56Gbps Infiniband HCA card	MC-0JHC31	-	MCX0JHC31	-	A	A	A	A	NA	A1	A2	NA	NA	NA	
	Dual channel 56Gbps Infiniband HCA card	MC-0JHC41	-	MCX0JHC41	-	A	A	A	A	NA	A1	A2	NA	NA	NA	
	Dual channel 12Gbps SAS RAID Control Card	MC-0JSR61	MC-0JSR62	MCX0JSR61	-	A	A	A	A	A	A	A	A	A	A	
	FBU Mount Kit for Ext. SAS RAID Card	MC-0HCK21	-	MCX0HCK21	-	A	A	A	A	A	A	A	A	A	A	
	RAID Advanced Software Options	MC-0KLA31	-	-	-	A	A	A	A	A	A	A	A	A	A	
	Dual Channel 12Gbps SAS Card	MC-0JSS31	MC-0JSS32	MCX0JSS31	-	A	A	A	A	A	A	A	A	A	A	
	PCI BoX connection card	MC-0JPC11	-	MCX0JPC11	-	A	A	-	A	NA	A	A	A	A	A	

Change Report

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