FUJITSU

PRIMEQUEST 2800B

System configurator and order-information guide

Contents
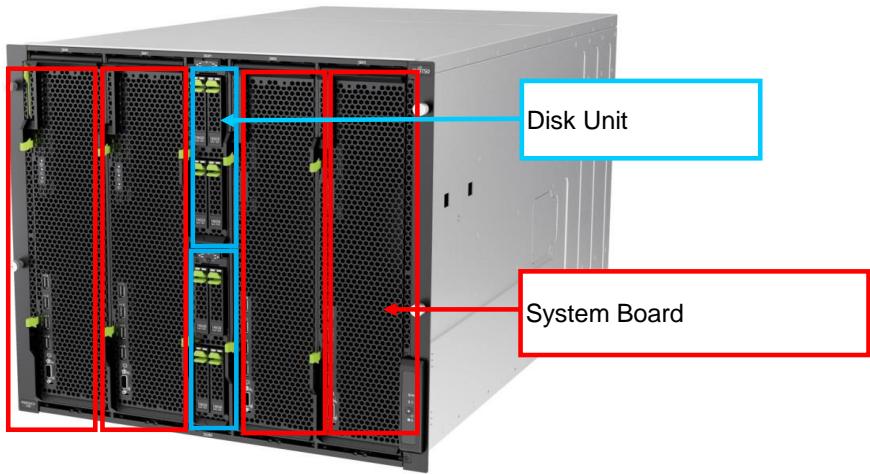
Configurator Overview

PRIMEQUEST SERVER
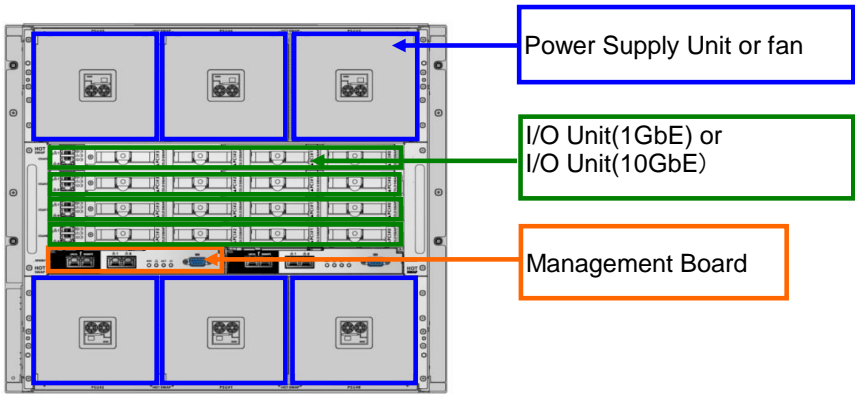
Overview

Front side

Disk Unit

System Board

Rear side

Power Supply Unit or fan

I/O Unit(1GbE) or
I/O Unit(10GbE)

Management Board
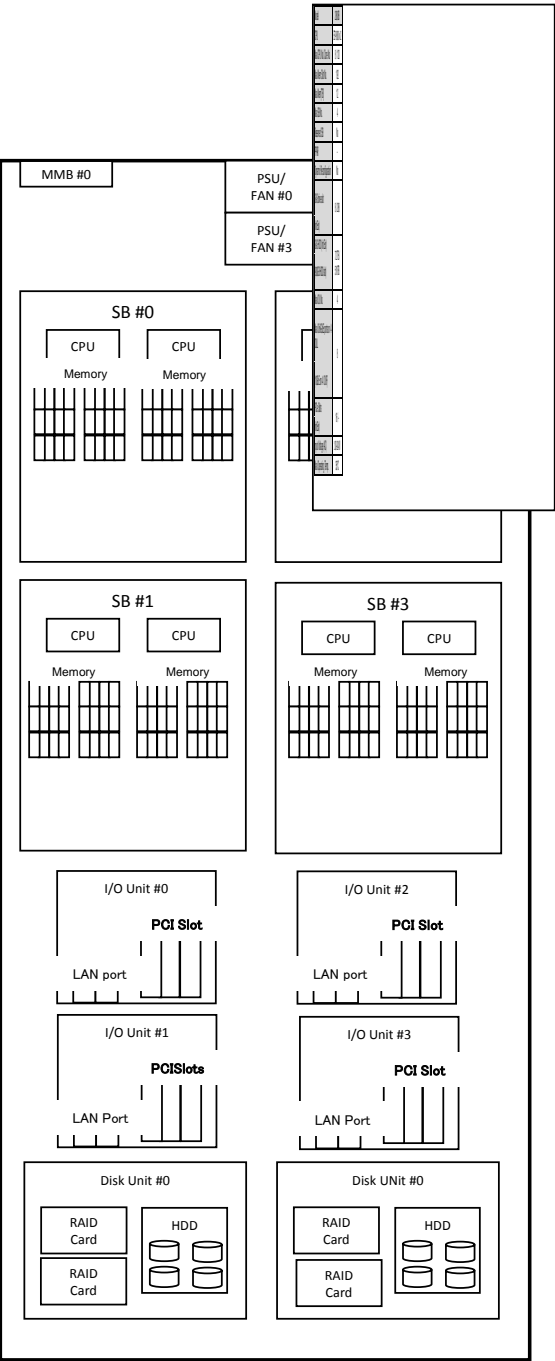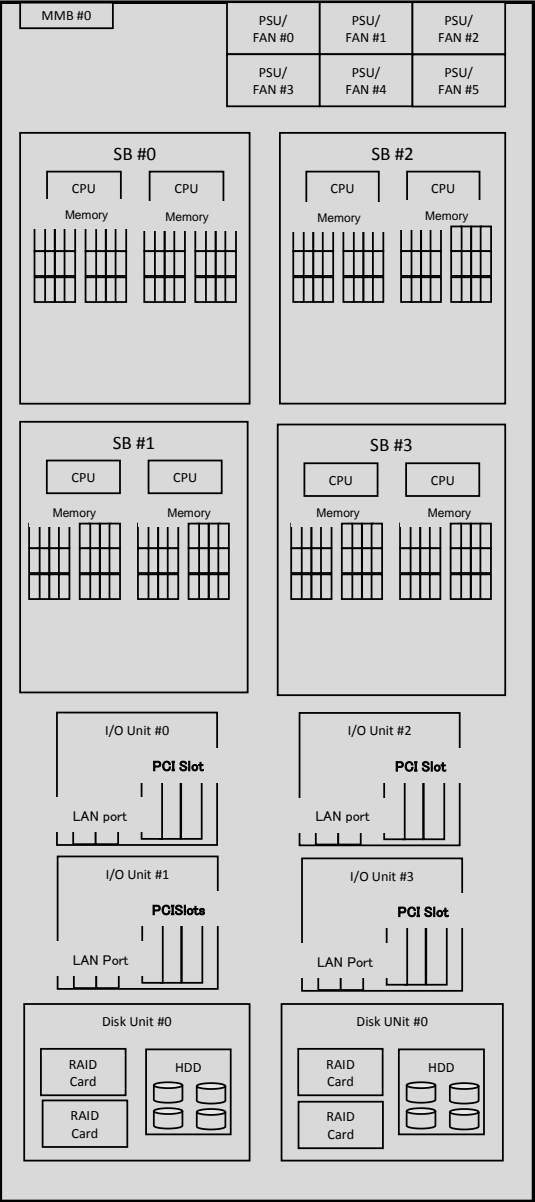
Part Numbers Legend:

Part numbers:
MC-****** as products shipped with base units via factory
(FTS: EK component)

MCX****** as products shipped separately from base units (**L**oose **D**elivery)
(FTS: LL component)

PQ2800B Spec

➤ **I. Base Unit**

| MMB #0 | | PSU/ FAN #0 | PSU/ FAN #1 | PSU/ FAN #2 |
| | | PSU/ FAN #3 | PSU/ FAN #4 | PSU/ FAN #5 |

SB #0
CPU   CPU
Memory   Memory

SB #2
CPU   CPU
Memory   Memory

SB #1
CPU   CPU
Memory   Memory

SB #3
CPU   CPU
Memory   Memory

I/O Unit #0
PCI Slot
LAN port

I/O Unit #2
PCI Slot
LAN port

I/O Unit #1
PCISlots
LAN Port

I/O Unit #3
PCI Slot
LAN Port

Disk Unit #0
RAID Card
RAID Card
HDD

Disk UNit #0
RAID Card
RAID Card
HDD

One product

Products below must be included in PO with Base Unit.
- System Board, CPU, Memory, IO Unit, PSU, power cord
The products below are included in base unit.
- One unit of Management Board and one Rack Mount Kit

PRIMEQUEST 2800B Base Unit

MCF3AC111B

- Rack mount type
- Min. one System Board must be ordered. Max. four System Board can be mounted.
- Min. one I/O Unit must be ordered. Max. four I/O Unit can be mounted.
- One Managemant Board(MMB) comes as standard.
    - Four LAN ports at MMB
- Min. three PSU must be ordered. PSU does not come as standard.
- Fan must be ordered. Fan units must be mounted in empty space where PSU is not mounted.
- Power cords must be ordered. The number must be same as PSU.
- Rack space : 10U

II. System Board

MMB #0	PSU/FAN #0	PSU/FAN #1	PSU/FAN #2
	PSU/FAN #3	PSU/FAN #4	PSU/FAN #5

SB #0
CPU   CPU
Memory   Memory

SB #2
CPU   CPU
Memory   Memory

SB #1
CPU   CPU
Memory   Memory

SB #3
CPU   CPU
Memory   Memory

I/O Unit #0
PCI Slot
LAN port

I/O Unit #2
PCI Slot
LAN port

I/O Unit #1
PCISlots
LAN Port

I/O Unit #3
PCI Slot
LAN Port

Disk Unit #0
RAID Card
RAID Card
HDD

Disk UNit #0
RAID Card
RAID Card
HDD
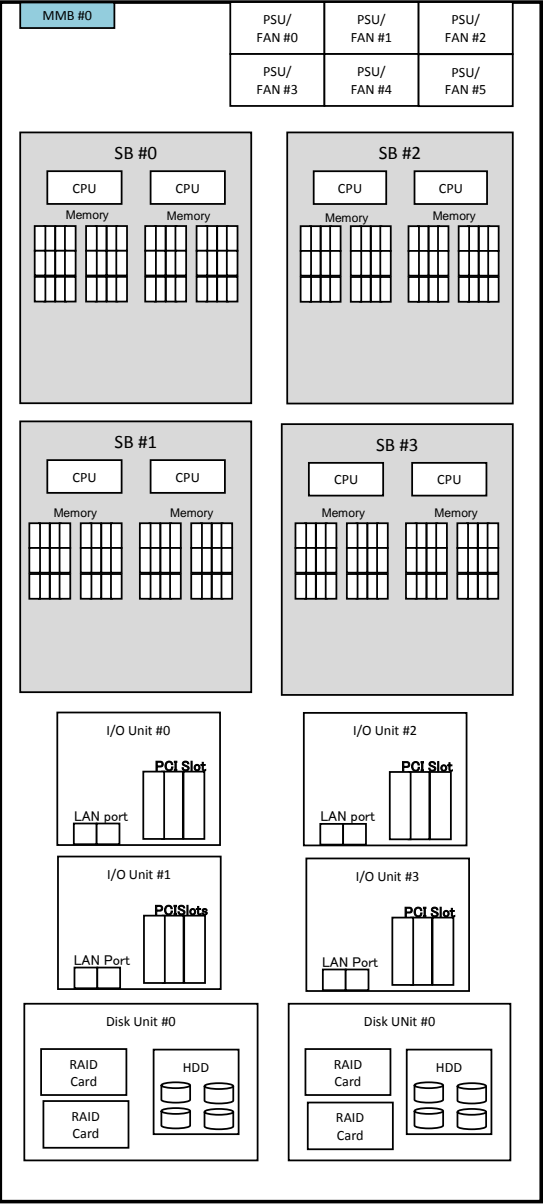
Max. 4 pcs per base unit
SB with TPM and SB without SB
can be mixed in base unit

At least one product must be chosen

System Board

MC-3HSB51B   MCX3HSB51B (LD)

- This system board does not include security chip called TPM

- Min one System Board must be ordered. Max. four System Boards can be mounted,

- CPU nor memory is not mounted on System Board as standard.

Two. one CPU Module and min. two memory must be mounted on one System Board.

   Min. two memories having four DIMMs can be mounted. Max. 24 memories having 48 DIMMs can be mounted.

System Board

MC-3HSBX1B   MCX3HSBX1B (LD)

- This system board includes security chip called TPM

- Min one System Board must be ordered. Max. four System Boards can be mounted,

- CPU nor memory is not mounted on System Board as standard.

Min. one CPU Module and min. one memory must be mounted on one System Board.

Two. one CPU Module and min. two memory must be mounted on one System Board.

   Min. two memories having four DIMMs can be mounted. Max. 24 memories having 48 DIMMs can be mounted.

CPU

MMB #0		PSU/ FAN #0	PSU/ FAN #1	PSU/ FAN #2
		PSU/ FAN #3	PSU/ FAN #4	PSU/ FAN #5

SB #0

CPU	CPU
Memory	Memory

SB #2

CPU	CPU
Memory	Memory

SB #1

CPU	CPU
Memory	Memory

SB #3

CPU	CPU
Memory	Memory

I/O Unit #0

PCI Slot

LAN port

I/O Unit #2

PCI Slot

LAN port

I/O Unit #1

PCISlots

LAN Port

I/O Unit #3

PCI Slot

LAN Port

Disk Unit #0

RAID Card	HDD
RAID カード	

Disk UNit #0

RAID Card	HDD
RAID Card	
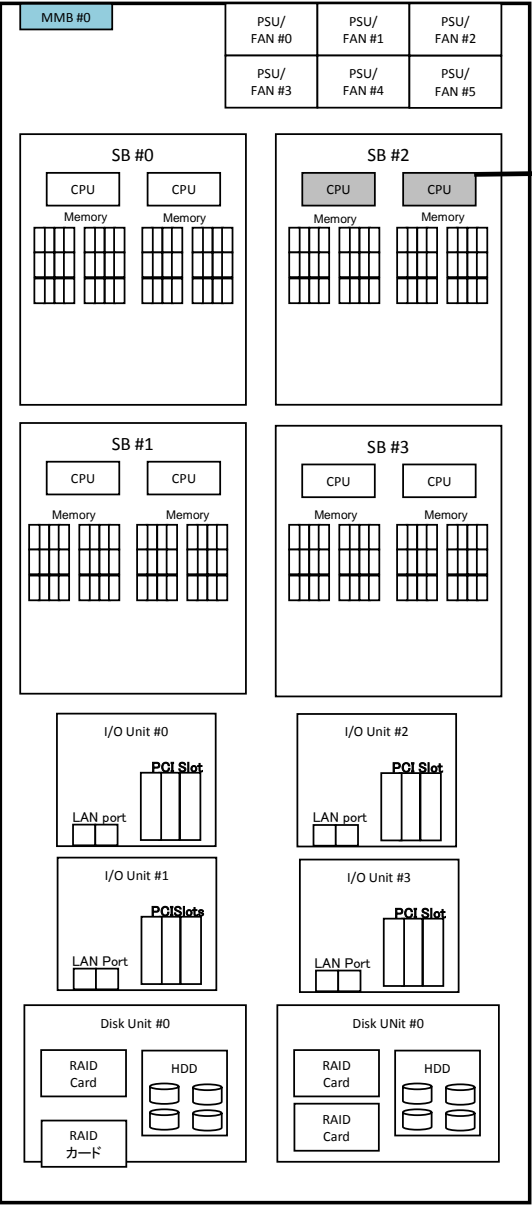
One product must be chosen

CPU(Xeon E7-8893v2)
CPU Module(3.4GHz/6 core/37.5MB cache)
MC-3BCD11B   MCX3BCD11B (LD)
- Two CPU per System Board.

CPU(Xeon E7-8890v2)
CPU Module(2.80GHz/15 core/37.5MB cache)
MC-3BCA11B   MCX3BCA11B (LD)
- Two CPU per System Board.

CPU(Xeon E7-8880v2)
CPU Module(2.50GHz/15 core/37.5MB cache)
MC-3BCE11B   MCX3BCE11B (LD)
- Two CPU per System Board.

CPU(Xeon E7-8870v2)
CPU Module(2.30GHz/15 core/30.0MB cache)
MC-3BCF11B   MCX3BCF11B (LD)
- Two CPU per System Board.

CPU(Xeon E7-8857v2)
CPU Module(3.0GHz/12 core/30.0MB cache)
MC-3BCG11B   MCX3BCG11B (LD)
- Two CPU per System Board.

CPU(Xeon E7-8850v2)
CPU Module(2.3GHz/12 core/24.0MB cache)
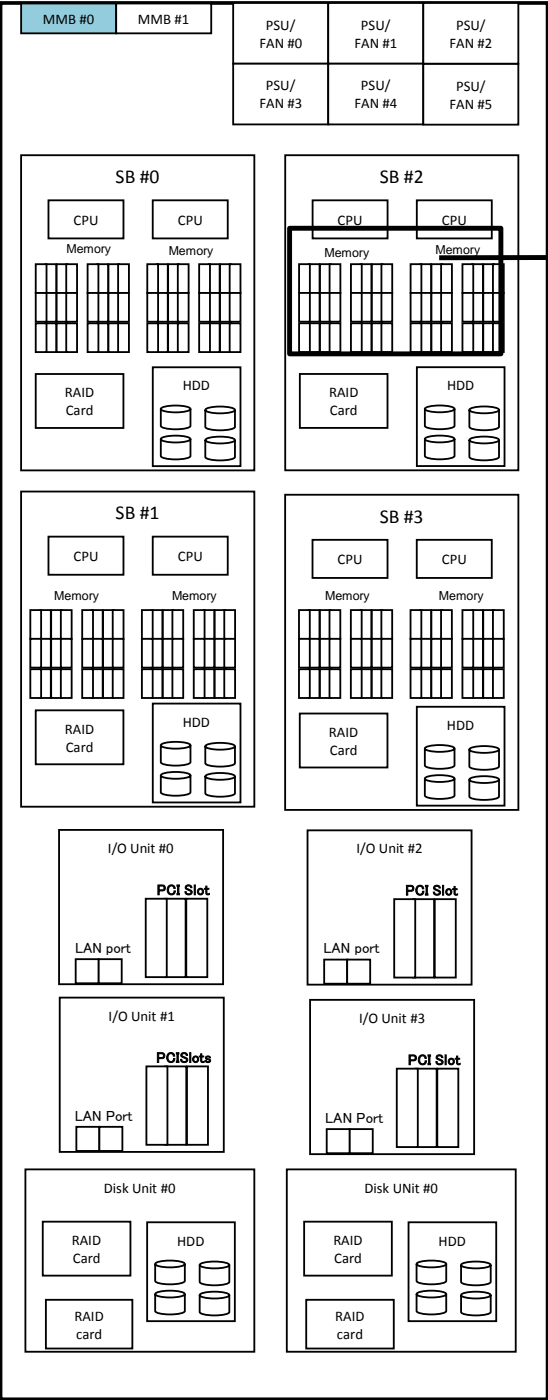**MC-3BCB11B   MCX3BCB11B (LD)**
- Two CPU per System Board.

NOTICE : CPUs you place the order must be the same for one base unit

CPU moounting condition

# of SB	# of CPU
1SB	2
2SB	4
3SB	6
4SB	8

Memory

MMB #0		PSU/ FAN #0	PSU/ FAN #1	PSU/ FAN #2
		PSU/ FAN #3	PSU/ FAN #4	PSU/ FAN #5

SB #0

CPU   CPU

Memory   Memory

SB #2

CPU   CPU

Memory   Memory

SB #1

CPU   CPU

Memory   Memory

SB #3

CPU   CPU

Memory   Memory

I/O Unit #0

PCI Slot

LAN port

I/O Unit #2

PCI Slot

LAN port

I/O Unit #1

PCISlots

LAN Port

I/O Unit #3

PCI Slot

LAN Port

Disk Unit #0

RAID Card

RAID card

HDD

Disk UNit #0

RAID Card

RAID card

HDD

Options

選択必須

Memory Expansion Board

MC-3HMB11B   MCX3HMB11B (LD)
- One Memory Expansion Board can be mounted for one CPU
- One Memory Expansion Board has 12 DIMM slots.
* Conditions to order Memory Expansion Boad are influenced
by the number of memory DIMM mounted and memory mode
  For details, please refer to "Memory Mounting Condition".

At least one product must be selected.

16GB memory (8GB DDR3 DIMM x 2)

MC-3CB511B   MCX3CB511B (LD)
- Min. one Memory (2 x DIMMs) must be mounted for one CPU.
Max. 12 memories (24 DIMMs) can be mounted for one CPU.
- Two 8GB-DDR3-1600-RDIMM included in this product

32GB memory (16GB DDR3 DIMM x 2)

MC-3CB611B   MCX3CB611B (LD)
- Min. one Memory (2 x DIMMs) must be mounted for one CPU.
Max. 12 memories (24 DIMMs) can be mounted for one CPU.
- Two 16GB-DDR3-1600-RDIMM included in this product

64GB memory (32GB DDR3 DIMM x 2)

MC-3CC711B   MCX3CC711B (LD)
- Min. one Memory (2 x DIMMs) must be mounted for one CPU.
Max. 12 memories (24 DIMMs) can be mounted for one CPU.
- Two 32GB-DDR3-1600-RDIMM included in this product

128GB memory (64GB DDR3 DIMM x 2)

MC-3CC811B   MCX3CC811B (LD)
- Min. one Memory (2 x DIMMs) must be mounted for one CPU.
Max. 12 memories (24 DIMMs) can be mounted for one CPU.
- Two 64GB-DDR3-1333-RDIMM included in this product

Memory Mode

Memory Mode

MMB #0	MMB #1

PSU/FAN #0	PSU/FAN #1	PSU/FAN #2
PSU/FAN #3	PSU/FAN #4	PSU/FAN #5

SB #0
CPU   CPU
Memory   Memory
RAID Card   HDD

SB #2
CPU   CPU
Memory   Memory
RAID Card   HDD

SB #1
CPU   CPU
Memory   Memory
RAID Card   HDD

SB #3
CPU   CPU
Memory   Memory
RAID Card   HDD

I/O Unit #0
PCI Slot
LAN port

I/O Unit #2
PCI Slot
LAN port

I/O Unit #1
PCISlots
LAN Port

I/O Unit #3
PCI Slot
LAN Port

Disk Unit #0
RAID Card   HDD
RAID card

Disk UNit #0
RAID Card   HDD
RAID card

Only one product must be selected per server.

Memory Mode Setting (Normal)
MC-0PMM1

Memory Mode Setting (Mirror)
MC-0PMM3

Memory Mode Setting (Spare)
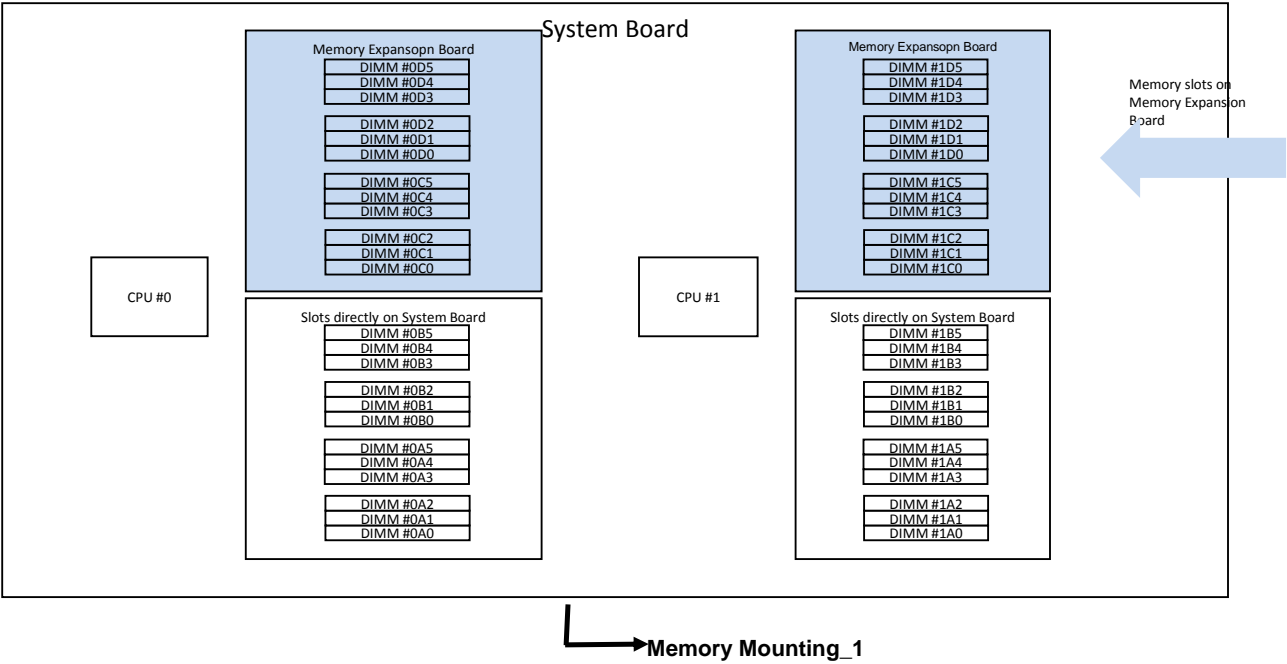**MC-0PMM4**

Memory Mounting

Memory Mounting

1. Memory and Memory Expansion Board
 (1) Memory reffered in this page has two DIMMs.
 (2) Each CPU has 12 memory DIMM slots on System Board and another 12 memory DIMM slots ion Memory Expansion Board.
       If Memory Expansopn Board os ordered.
 (3) Please confirm the condition that order of Memory Expansion Board is necessary.
       Combination of Memory Mode, number of Memory, and Memory Expansion Board

Memory Mode	# of Memory (# of DIMM)	Necessity for Memory Expansion Board
Nomal Mode	1(2)	Not needed
	2~(4~)	**Necessary**
Mirror Mode	1(2)	Not needed
	2(4)	Not needed
	3~(6~)	**Necessary**
Spare Mode	1(2)	Not needed
	2(4)	Not needed
	3(6)	Not needed
	4~(8~)	**Necessary**

2. Memory Mounting Conditions

 (1)One server cannot have a mixed Memory Products. Only alloawable conbimation is 8GB RDIMM and 16GB RDIMM.
 (2) Units of memory expansions : One set (two DIMMs) for Normal Mode, two set (four DIMMs) for Mirror Mode,
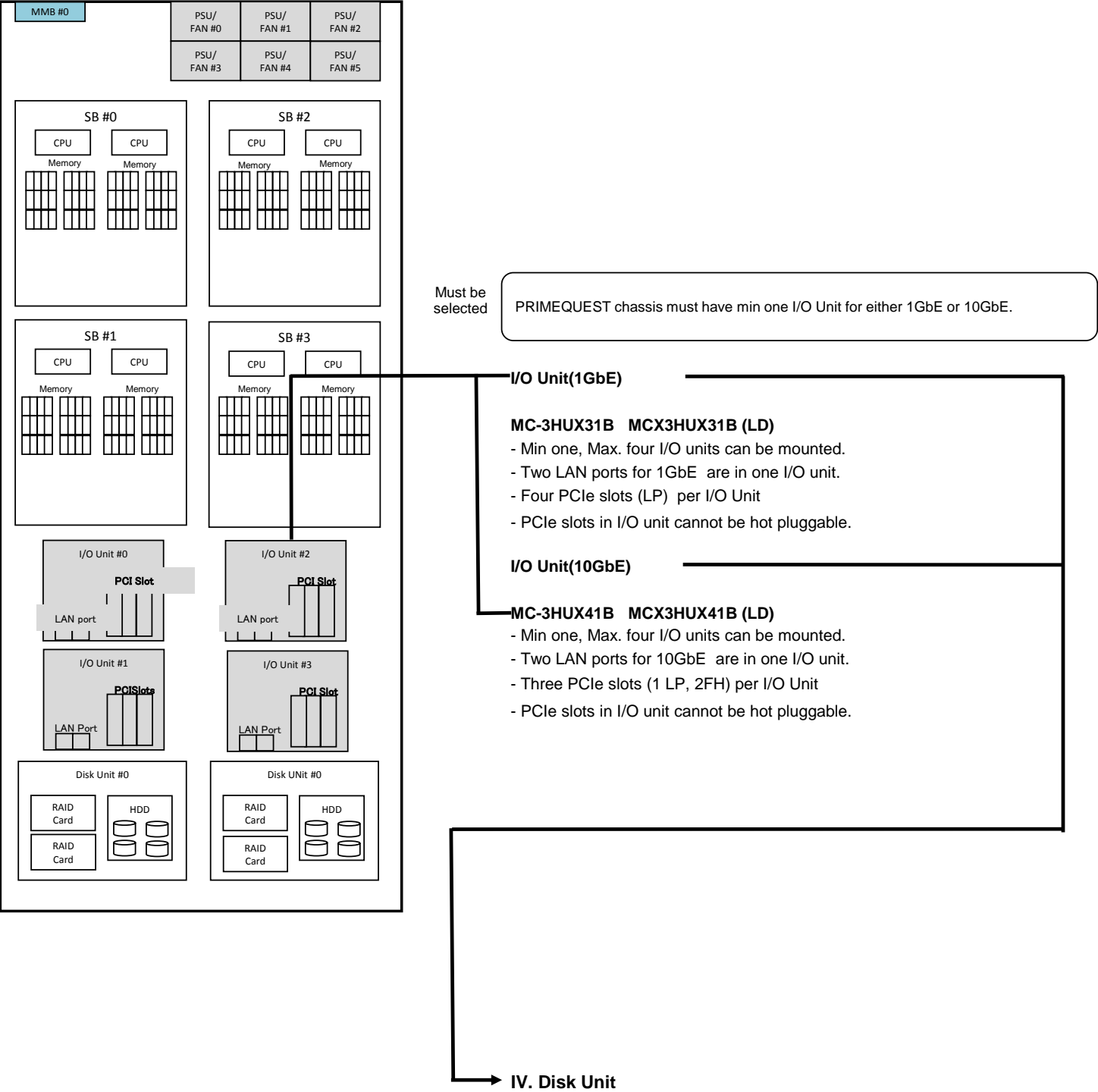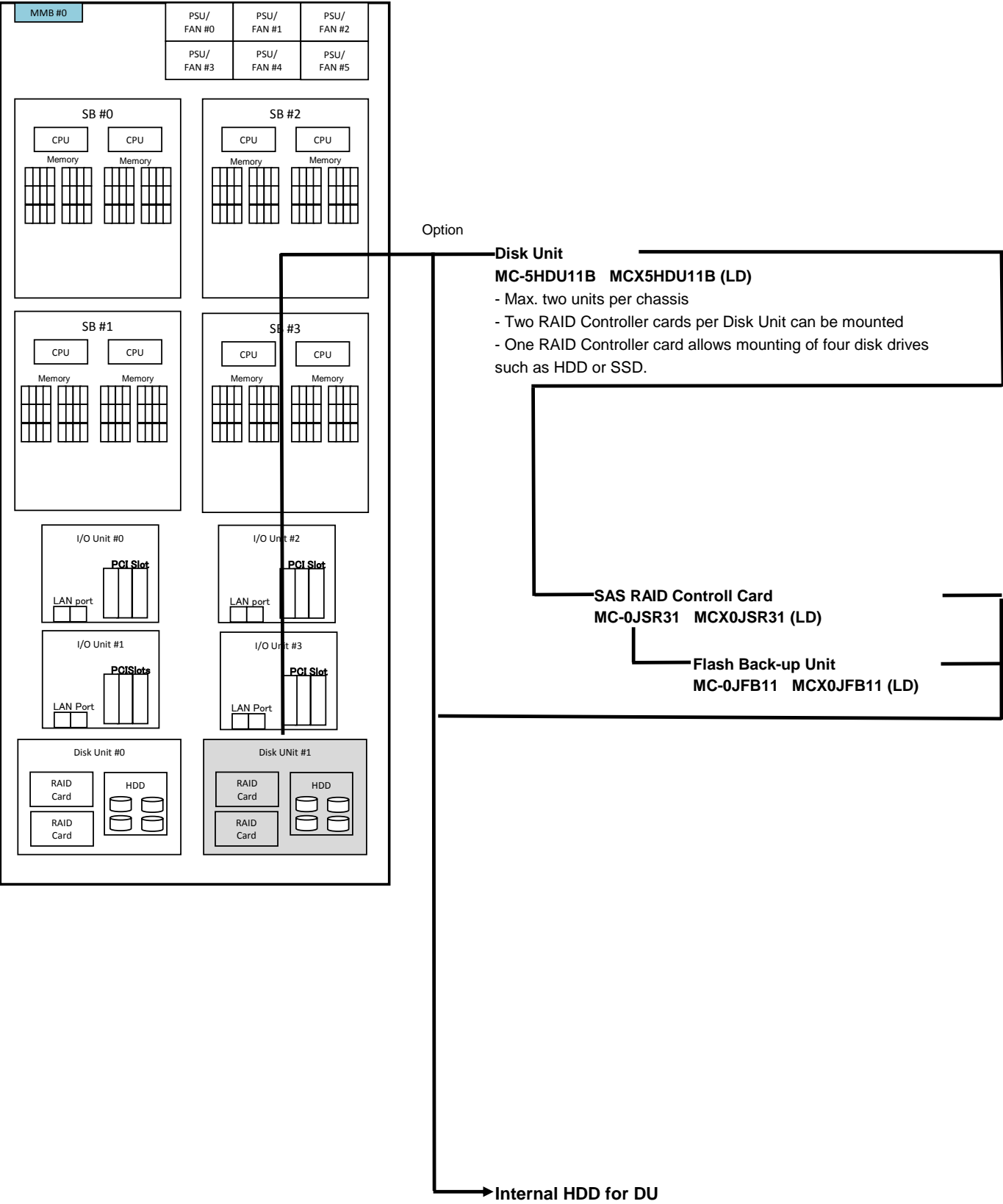   three sets (six DIMMs) for Spare Mode

Memory Mounting_1

System configurator and order-information guide
PRIMEQUEST 2800B   Status 2016-05-01

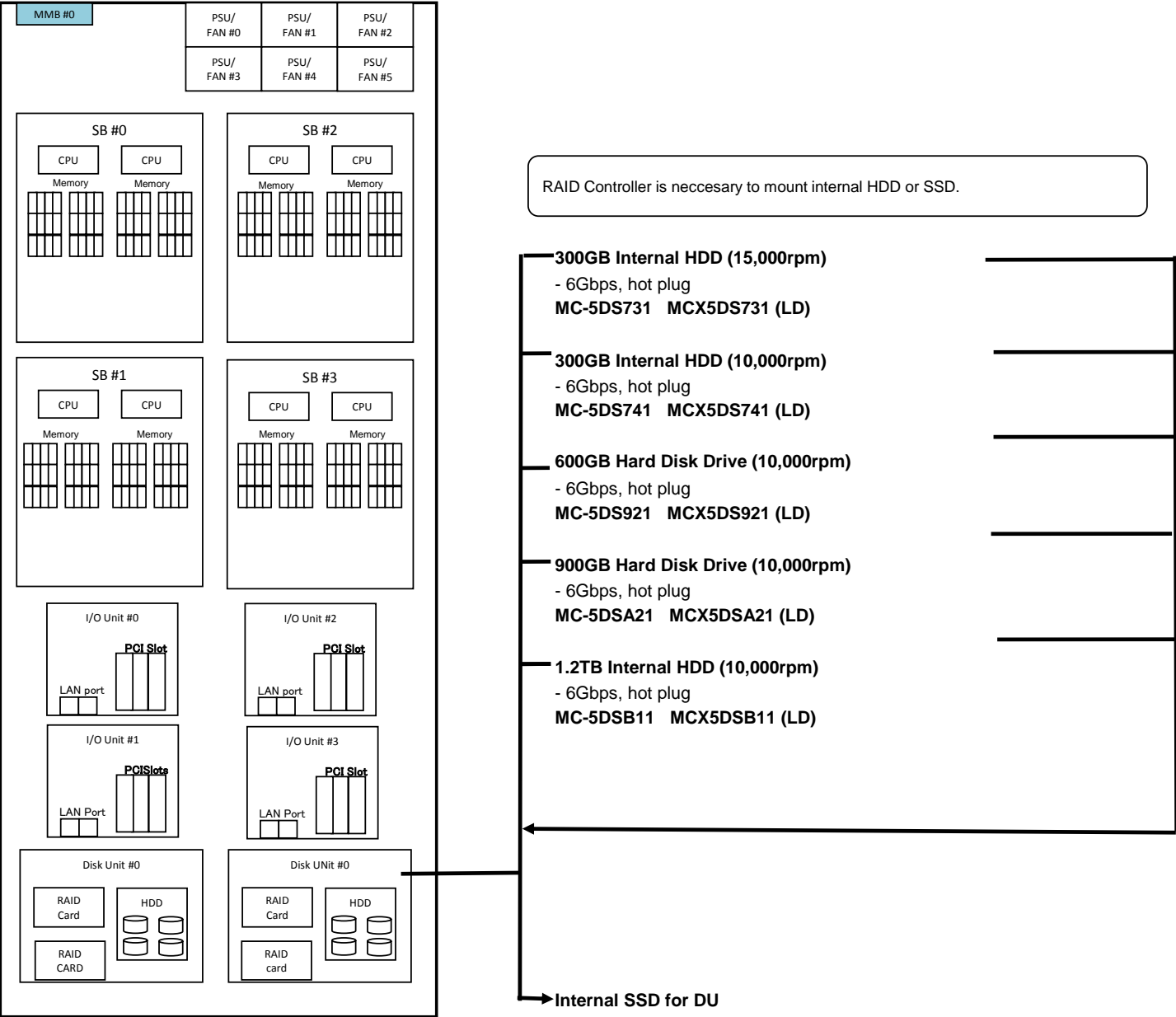|	CPU#0								CPU#1							
	0A0	0A3	0B0	0B3	0C0	0C3	0D0	0D3	1A0	1A3	1B0	1B3	1C0	1C3	1D0	1D3
	0A1	0A4	0B1	0B4	0C1	0C4	0D1	0D4	1A1	1A4	1B1	1B4	1C1	1C4	1D1	1D4
	0A2	0A5	0B2	0B5	0C2	0C5	0D2	0D5	1A2	1A5	1B2	1B5	1C2	1C5	1D2	1D5
Normal	1	1	5	5	3	3	7	7	2	2	6	6	4	4	8	8
(MC-0PMM1)	9	9	13	13	11	11	15	15	10	10	14	14	12	12	16	16
	17	17	21	21	19	19	23	23	18	18	22	22	20	20	24	24
Mirror	1	1	1	1	3	3	3	3	2	2	2	2	4	4	4	4
(MC-0PMM3)	5	5	5	5	7	7	7	7	6	6	6	6	8	8	8	8
	9	9	9	9	11	11	11	11	10	10	10	10	12	12	12	12
Spare	1	1	5	5	3	3	7	7	2	2	6	6	4	4	8	8
(MC-0PMM3)	1	1	5	5	3	3	7	7	2	2	6	6	4	4	8	8
	1	1	5	5	3	3	7	7	2	2	6	6	4	4	8	8

[Note]
· At least two DIMMs have to be installed in one CPU.
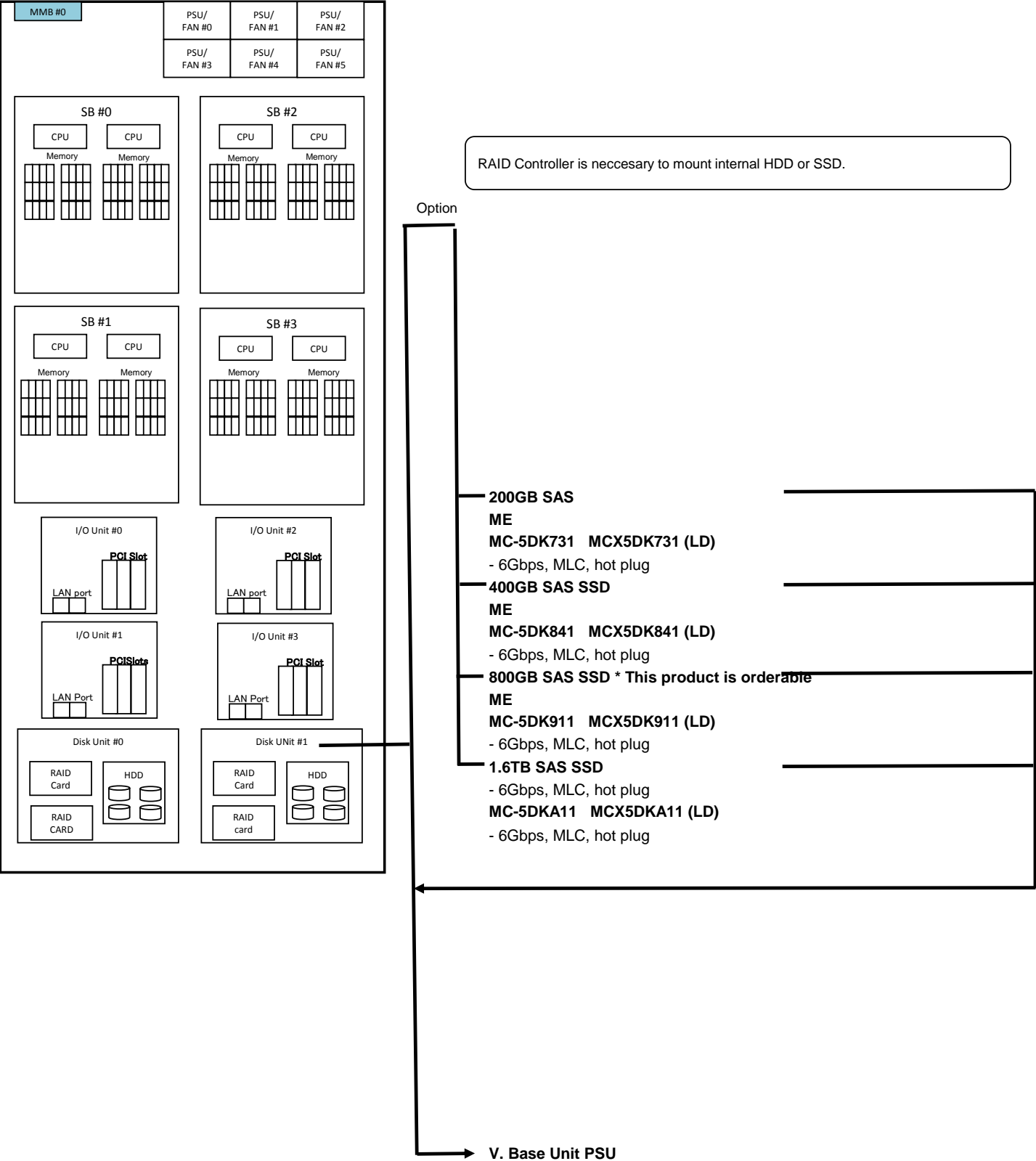· When only CPU#0 is installed in the SB, the number of installation order is skipped in CPU#1.
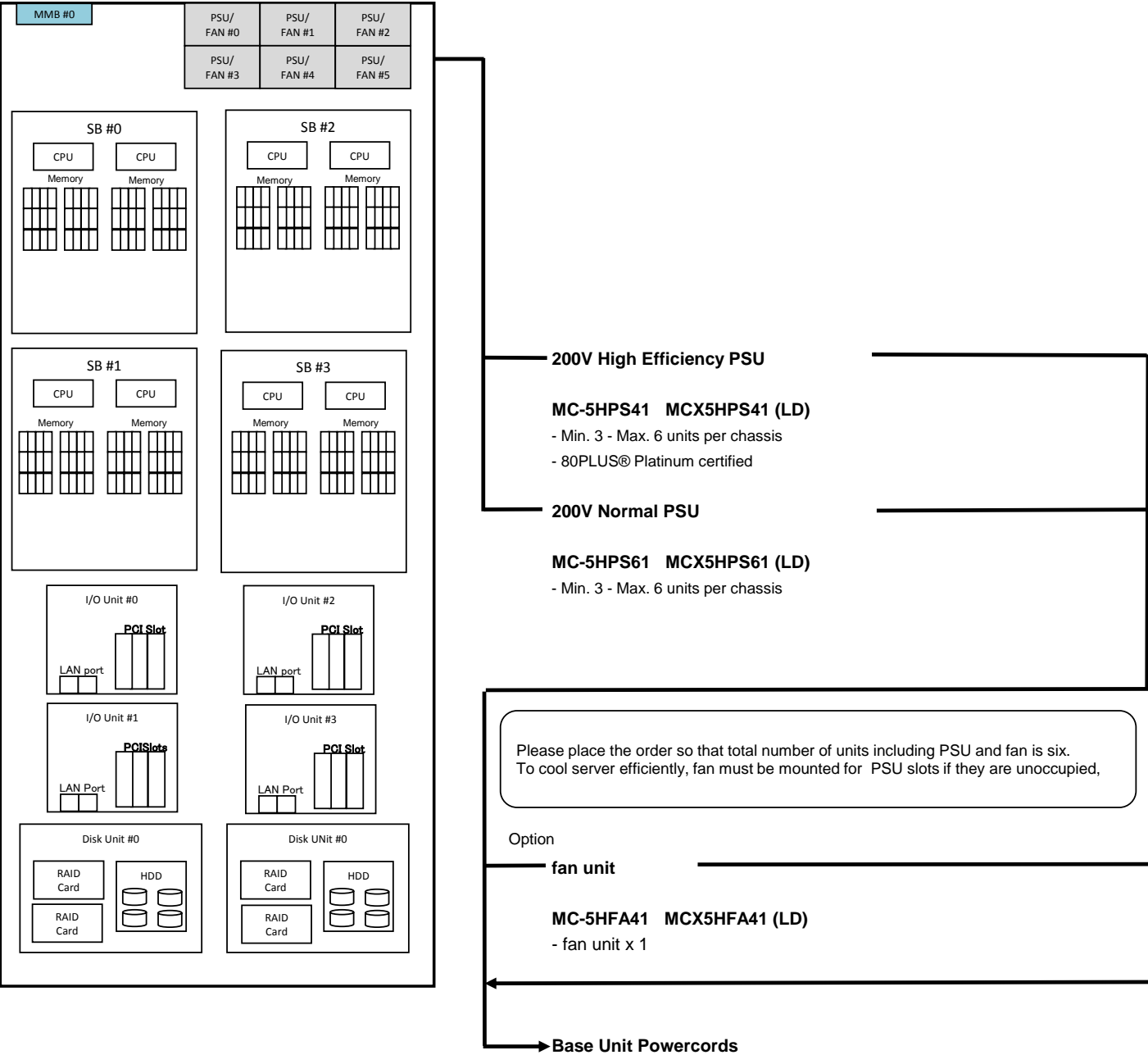
To be updated

Memory Mounting_3

IO UNIT

| MMB #0 | | PSU/ FAN #0 | PSU/ FAN #1 | PSU/ FAN #2 |
| | | PSU/ FAN #3 | PSU/ FAN #4 | PSU/ FAN #5 |

SB #0
CPU   CPU
Memory   Memory

SB #2
CPU   CPU
Memory   Memory

SB #1
CPU   CPU
Memory   Memory

SB #3
CPU   CPU
Memory   Memory

Must be selected

PRIMEQUEST chassis must have min one I/O Unit for either 1GbE or 10GbE.

I/O Unit #0
PCI Slot
LAN port

I/O Unit #2
PCI Slot
LAN port

I/O Unit #1
PCISlots
LAN Port

I/O Unit #3
PCI Slot
LAN Port

Disk Unit #0
RAID Card
RAID Card
HDD

Disk UNit #0
RAID Card
RAID Card
HDD

I/O Unit(1GbE)

MC-3HUX31B   MCX3HUX31B (LD)
- Min one, Max. four I/O units can be mounted.
- Two LAN ports for 1GbE are in one I/O unit.
- Four PCIe slots (LP) per I/O Unit
- PCIe slots in I/O unit cannot be hot pluggable.

I/O Unit(10GbE)

MC-3HUX41B   MCX3HUX41B (LD)
- Min one, Max. four I/O units can be mounted.
- Two LAN ports for 10GbE are in one I/O unit.
- Three PCIe slots (1 LP, 2FH) per I/O Unit
- PCIe slots in I/O unit cannot be hot pluggable.

IV. Disk Unit

MMB #0

| PSU/ FAN #0 | PSU/ FAN #1 | PSU/ FAN #2 |
| PSU/ FAN #3 | PSU/ FAN #4 | PSU/ FAN #5 |

SB #0
CPU   CPU
Memory   Memory

SB #2
CPU   CPU
Memory   Memory

SB #1
CPU   CPU
Memory   Memory

SB #3
CPU   CPU
Memory   Memory

I/O Unit #0
PCI Slot
LAN port

I/O Unit #2
PCI Slot
LAN port

I/O Unit #1
PCISlots
LAN Port

I/O Unit #3
PCI Slot
LAN Port

Disk Unit #0
RAID Card   HDD
RAID Card

Disk UNit #1
RAID Card   HDD
RAID Card

Option

Disk Unit
MC-5HDU11B   MCX5HDU11B (LD)
- Max. two units per chassis
- Two RAID Controller cards per Disk Unit can be mounted
- One RAID Controller card allows mounting of four disk drives
such as HDD or SSD.

SAS RAID Controll Card
MC-0JSR31   MCX0JSR31 (LD)

Flash Back-up Unit
MC-0JFB11   MCX0JFB11 (LD)

Internal HDD for DU

RAID Controller is neccesary to mount internal HDD or SSD.

300GB Internal HDD (15,000rpm)
- 6Gbps, hot plug
MC-5DS731   MCX5DS731 (LD)

300GB Internal HDD (10,000rpm)
- 6Gbps, hot plug
MC-5DS741   MCX5DS741 (LD)

600GB Hard Disk Drive (10,000rpm)
- 6Gbps, hot plug
MC-5DS921   MCX5DS921 (LD)

900GB Hard Disk Drive (10,000rpm)
- 6Gbps, hot plug
MC-5DSA21   MCX5DSA21 (LD)

1.2TB Internal HDD (10,000rpm)
- 6Gbps, hot plug
MC-5DSB11   MCX5DSB11 (LD)

Internal SSD for DU

MMB #0		PSU/ FAN #0	PSU/ FAN #1	PSU/ FAN #2
		PSU/ FAN #3	PSU/ FAN #4	PSU/ FAN #5

SB #0

CPU   CPU

Memory   Memory

SB #2

CPU   CPU

Memory   Memory

SB #1

CPU   CPU

Memory   Memory

SB #3

CPU   CPU

Memory   Memory

I/O Unit #0

PCI Slot

LAN port

I/O Unit #2

PCI Slot

LAN port

I/O Unit #1

PCISlote

LAN Port

I/O Unit #3

PCI Slot

LAN Port

Disk Unit #0

RAID Card

HDD

RAID CARD

Disk UNit #1

RAID Card

HDD

RAID card

RAID Controller is neccesary to mount internal HDD or SSD.

Option

200GB SAS
ME
MC-5DK731   MCX5DK731 (LD)
- 6Gbps, MLC, hot plug

400GB SAS SSD
ME
MC-5DK841   MCX5DK841 (LD)
- 6Gbps, MLC, hot plug

800GB SAS SSD * This product is orderable
ME
MC-5DK911   MCX5DK911 (LD)
- 6Gbps, MLC, hot plug

1.6TB SAS SSD
- 6Gbps, MLC, hot plug
MC-5DKA11   MCX5DKA11 (LD)
- 6Gbps, MLC, hot plug

V. Base Unit PSU

MMB #0		PSU/ FAN #0	PSU/ FAN #1	PSU/ FAN #2
		PSU/ FAN #3	PSU/ FAN #4	PSU/ FAN #5

SB #0
CPU CPU
Memory Memory

SB #2
CPU CPU
Memory Memory

SB #1
CPU CPU
Memory Memory

SB #3
CPU CPU
Memory Memory

I/O Unit #0
PCI Slot
LAN port

I/O Unit #2
PCI Slot
LAN port

I/O Unit #1
PCISlots
LAN Port

I/O Unit #3
PCI Slot
LAN Port

Disk Unit #0
RAID Card
RAID Card
HDD

Disk UNit #0
RAID Card
RAID Card
HDD

200V High Efficiency PSU

MC-5HPS41   MCX5HPS41 (LD)
- Min. 3 - Max. 6 units per chassis
- 80PLUS® Platinum certified

200V Normal PSU

MC-5HPS61   MCX5HPS61 (LD)
- Min. 3 - Max. 6 units per chassis

Please place the order so that total number of units including PSU and fan is six.
To cool server efficiently, fan must be mounted for PSU slots if they are unoccupied,

Option

fan unit

MC-5HFA41   MCX5HFA41 (LD)
- fan unit x 1

Base Unit Powercords

AC Power input	Power feed	Redundancy	# of PSU	PSU Slots
240V	Single	Not redundant	3	0, 1, 3
		redundant	3＋1	0,1,3,4
	Dual	-	3×2	all

number of PSU and fan		
PSU	fan	power cord
3	3	3
4	2	4
6	no	6

- : Dual power feed help supply power even in power feed failure of data center.

NOTICE FOR BASE UNIT POWER CORD FOR CEMEA&I, UL & NORDMIC

The System Unit PRIMEQUEST includes no PSUs and no power cords!
(S26361-F3151-E300: 16A IEC320 C19 -> 16A IEC320 C20)
Different power cords can be optional ordered as L-Numbers.
(S26361-F3151-L100 or-L200 or -L300 or -L500).
The S26361-F3151-E300 power cords can be used for the socket strips S26361-F2262-E132 (1x3 16A IEC320)
 or S26361-F2262-E332 (3x3 16A IEC320) and to different PRIMERGY UPS systems.

For connections out of the rack, there are 3 power cords available (S26361-F3151-L100 or-L200 or -L500).

The additional PSU is shipped without a power cord!
Different power cords can be optional ordered as L-Numbers.
(S26361-F3151-L100 or-L200 or -L300 or -L500).

Power and cooling considerations
see separate sheet

Base Unit Power Cords   you need one cable for each PSU

1) not to use within rack !

no mix of powercords possible

S26361-F3151-E301	**T26139-Y3850-E10** 1)
Power Cord 16A	No Power Cord
IEC 320 C19 -> C20	
default (to use within rack)	
1x per PSU	1x per PSU

S26361-F3151-E100 1)	**S26361-F3151-E200** 1)	**S26361-F3151-E500** 1)	**S26361-F3151-E10**
Power Cord 16 A	Power Cord 16A	Power Cord	Power Cord 16A
IEC320 C19-> CEE7/7 Schuko	IEC 320 c19-> 16A CEE Blue	IEC320 C19 -> US NEMA L6-20p	IEC 320 C19 -> C20
			short (1m) cable
1x per PSU	1x per PSU	1x per PSU	1x per PSU

End

▶ VI. PCI Cards

MMB #0		PSU/ FAN #0	PSU/ FAN #1	PSU/ FAN #2
		PSU/ FAN #3	PSU/ FAN #4	PSU/ FAN #5

SB #0

CPU	CPU
Memory	Memory

SB #2

CPU	CPU
Memory	Memory

SB #1

CPU	CPU
Memory	Memory

SB #3

CPU	CPU
Memory	Memory

I/O Unit #0

PCI Slot
LAN port

I/O Unit #2

PCI Slot
LAN port

I/O Unit #1

PCISlots
LAN Port

I/O Unit #3

PCI Slot
LAN Port

Disk Unit #0

RAID Card	HDD
RAID Card	

Disk UNit #0

RAID Card	HDD
RAID Card	
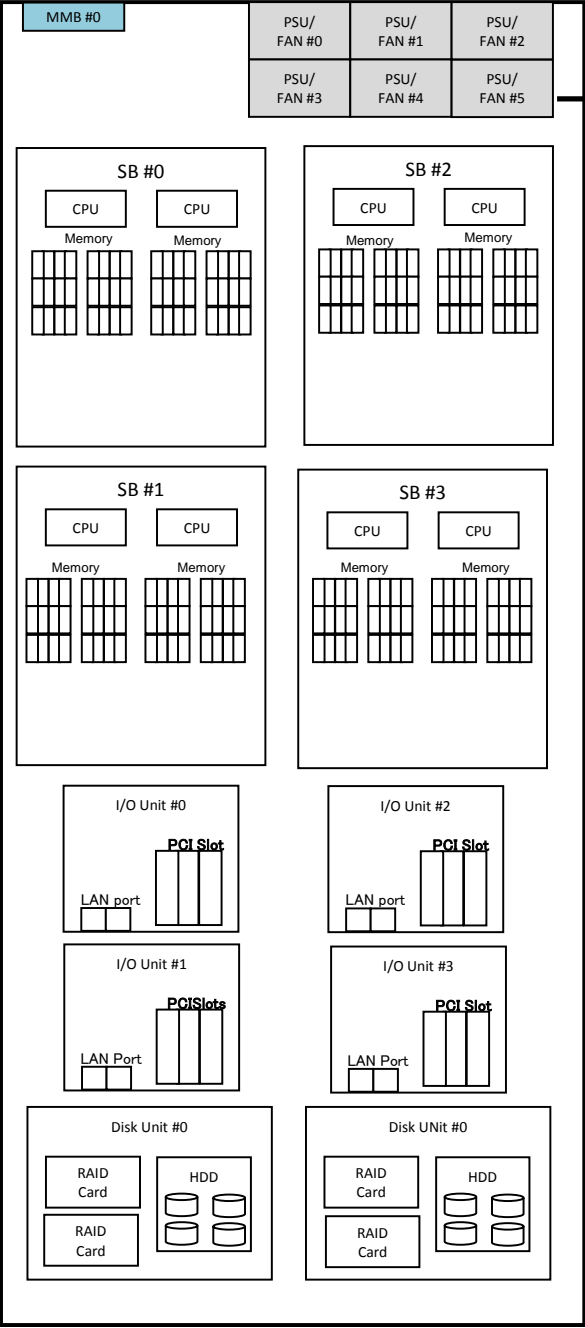
power cord

* You must order the same number of power cords with PSU.
  All the power cords ordered must be of the same standard.

One must be ordered

200V IEC power cord(3m)
xxxxx
[MC-0HCA83]   1 pcs per PSU
- IEC60320 C20, 3m
- power cord x 1

200V IEC power cord (1m)
xxxxx
[MC-0HCA81]   1 pcs per PSU
- IEC60320 C20, 1m
- power cord x 1

►9. PCI Box

Max. 16 cards can be mounted.
I/O Unit (1GbE) : Max. 4 cards per unit
I/O Unit (10GbE) : Max. 3 cards per unit
PCI Box : Max. 12 cards per unit

Single Channel 8Gbps Fiber Channel Card
MC-0JFC31 MCX0JFC31 LD
- LPe1250, Low Profile

Single Channel 8Gbps Fiber Channel Card
MC-0JFC91 MCX0JFC91 LD
-LPe1250, Full Height

Dual Channel 8Gbps Fiber Channel Card
MC-0JFC41 MCX0JFC41 LD
- LPe12002, Low Profile

Dual Channel 8Gbps Fiber Channel Card
MC-0JFCA1 MCX0JFCA1 LD
- LPe12002, Full Height

Single Channel 16Gbps Fiber Channel Card
MC-0JFC71 MCX0JFC71 LD
- LPe16000, Low Profile

Single Channel 16Gbps Fiber Channel Card
MC-0JFC72 MCX0JFC72 LD
- LPe16000, Full High

Dual Channel Fiber Channel Card (16Gbps)
MC-0JFC81 MCX0JFC81 LD
- LPe16002, Low Profile

Dual Channel Fiber Channel Card (16Gbps)
MC-0JFC82 MCX0JFC82 LD
- LPe16002, Full High

~~It is not allowed to mount FCoE card(OCe14102-UX) and 8Gbps/16Gbps FC-HBA card(LPe1250, LPe12002/LPe16000, LPe16000) in the same partition.~~

Single Channel 8Gbps Fiber Channel Card
MC-0JFC51 MCX0JFC51 LD
- QLE2560, Low Profile

Single Channel 8Gbps Fiber Channel Card
MC-0JFC52 MCX0JFC52 LD
- QLE2560, Full Height

Dual Channel 8Gbps Fiber Channel Card
MC-0JFC61 MCX0JFC61 LD
- QLE2562, Low Profile

Dual Channel 8Gbps Fiber Channel Card
MC-0JFC62 MCX0JFC62 LD
- QLE2562, Full Height

Release of these products are suspended.

PCI CARDS_1

Max. 56 cards can be mounted.
 I/O Unit (1GbE) : Max. 4 cards per unit
 I/O Unit (10GbE) : Max. 3 cards per unit

Dual Channel 1000BASE-T Card

MC-0JGE81   MCX0JGE81 (LD)

Eth Ctrl 2x 1GbE [Intel® Ethernet Controller I350] Low Profile.

PCI Box is not supported

Dual Channel 1000BASE-T Card

MC-0JGE82   MCX0JGE82 (LD)

Eth Ctrl 2x 1GbE [Intel® Ethernet Controller I350] Full Height

PCI Box is not supported

Quad Channel 1000BASE-T Card

MC-0JGE91   MCX0JGE91 (LD)

 Eth Ctrl 4x 1GbE [Intel® Ethernet Controller I350] Low Profile

PCI Box is not supported

Quad Channel 1000BASE-T Card

MC-0JGE92   MCX0JGE92 (LD)

 Eth Ctrl 4x 1GbE [Intel® Ethernet Controller I350] Full Height

PCI Box is not supported

Dual Channel 1000BASE-T Card

MC-0JGEA1   MCX0JGEA1 (LD)

Eth Ctrl 2x 1GbE [Intel® Ethernet Controller I350] Low Profile.

PCI Box is supported

Dual Channel 1000BASE-T Card

MC-0JGEA2

Eth Ctrl 2x 1GbE [Intel® Ethernet Controller I350] Full Height

PCI Box is supported

Quad Channel 1000BASE-T Card

MC-0JGEB1   MCX0JGEA1 (LD)

 Eth Ctrl 4x 1GbE [Intel® Ethernet Controller I350] Low Profile

PCI Box is supported

Quad Channel 1000BASE-T Card

MC-0JGEB2

 Eth Ctrl 4x 1GbE [Intel® Ethernet Controller I350] Full Height

PCI Box is not supported

Dual Channel 10G BASE-T Card

MC-0JXE31   MCX0JXE31 (LD)

* Eth Ctrl 10GBase-T (RJ45) – Low Profile

Dual Channel 10G BASE-T Card

MC-0JXE32   MCX0JXE32 (LD)

* Eth Ctrl 10GBase-T (RJ45) – Full Height

Dual Channel 10G BASE Card

MC-0JXE41   MCX0JXE41 (LD)

* Eth Ctrl 2x 10Gb SFP+ - SR/DA, PCIe x8, Intel®10 Gigabit Ethernet Controller Low Profile

 10GBASE-CR(TWINAX) cable must be ordered

The max quantity is two

Dual Channel 10G BASE Card

MC-0JXE42   MCX0JXE42 (LD)

* Eth Ctrl 2x 10Gb SFP+ - SR/DA, PCIe x8, Intel® 10 Gigabit Ethernet ControllerFull High

 10GBASE-CR(TWINAX) cable must be ordered

The max quantity is two

Dual Channel 10Gbps LAN Card (SFP+)

MC-0JXE51   MCX0JXE51 (LD)

■**10GBASE-CR(TWINAX) cable**

Please use the 10GBASE-CR(TWINAX) cables

bundled with relevant network switchs.
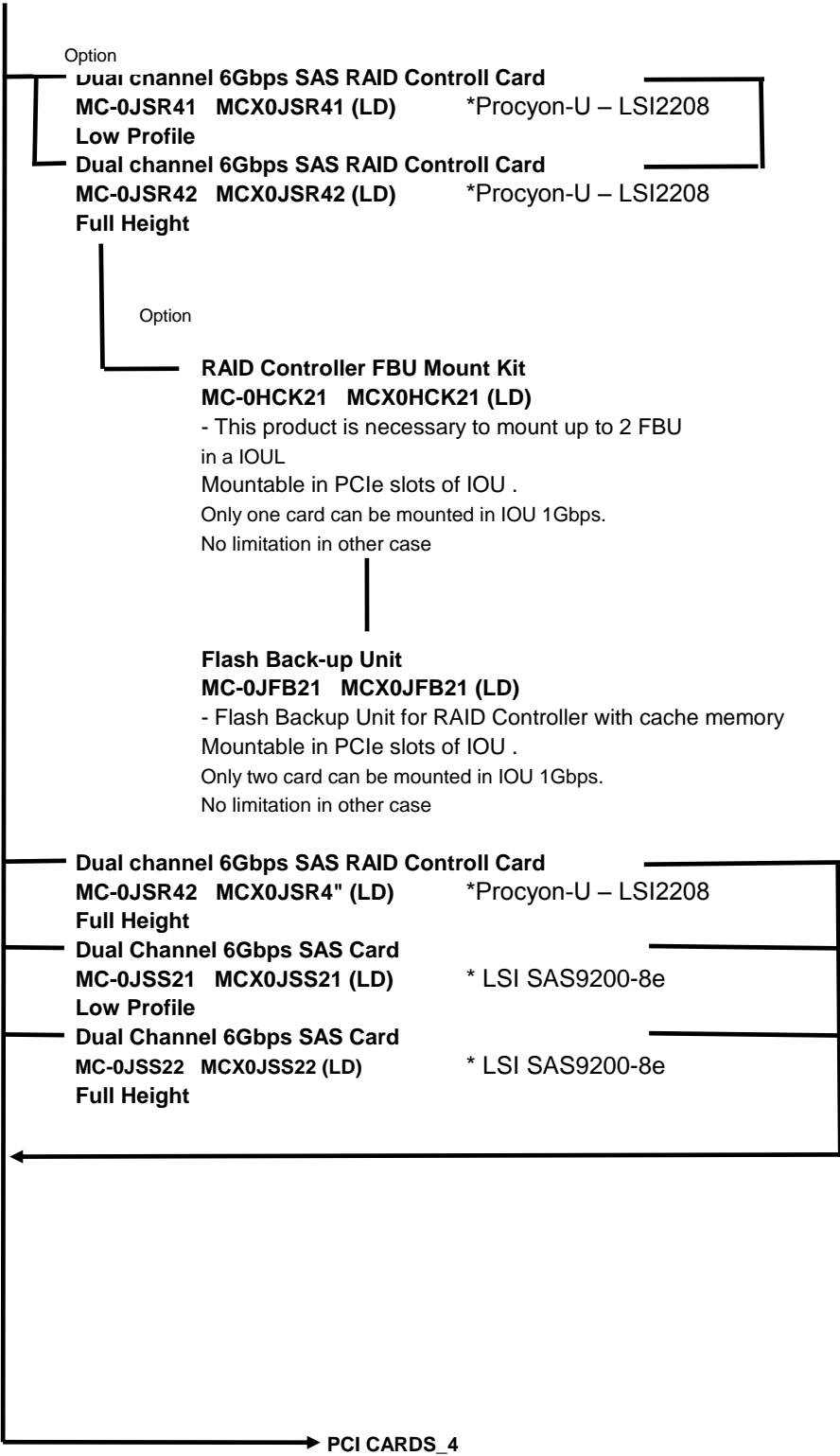
Max. 56 cards can be mounted.
I/O Unit (1GbE) : Max. 4 cards per unit
I/O Unit (10GbE) : Max. 3 cards per unit
PCI Box : Max. 12 cards per unit

- RHEL7 is not available
- Windows 2008 R2 is not available
- Max. 4 pcs per base unit
- is available

Dual Channel FCoE card (10Gbps) LP
MC-0JCE61   MCX0JCE61 (LD)
Low Profile
Orderable from 2014 Nov. 7th.

Dual Channel FCoE card (10Gbps) FH
MC-0JCE62   MCX0JCE62 (LD)
Full Height
Orderable from 2014 Nov. 7th.

Dual Channel 10Gbps LAN Card (SFP+)
MC-0JCE71   MCX0JCE71 (LD)
SFP+ Module Multi Mode Fibre 10Gb FCoE OCe14102
Orderable from 2014 Nov. 7th.

~~**Dual Channel FCoE card (10Gbps) LP**~~
~~**MC-0JCE31   MCX0JCE31 (LD)**~~
~~**Low Profile**~~
~~- You must order 10G BASE-SR SFP+ Module (MC-0JCE41) or 10GBASE-CR(TWINAX) cables.~~
~~The max quantity is two.~~

~~**Dual Channel FCoE card (10Gbps) FH**~~
~~**MC-0JCE51   MCX0JCE51 (LD)**~~
~~**Full Height**~~
~~- You must order 10G BASE-SR SFP+ Module (MC-0JCE41) or 10GBASE-CR(TWINAX) cables.~~
~~The max quantity is two.~~

~~**Dual Channel 10Gbps LAN Card (SFP+)**~~
~~**MC-0JCE41   MCX0JCE41 (LD)**~~

~~**10GBASE-CR(TWINAX) Cables**~~
~~Please use the 10GBASE-CR(TWINAX) cables bundled with relevant network switchs.~~

Single channel 40Gbps Infiniband HCA card
MC-0JHC11   MCX0JHC11 (LD)
Full High & comes with additional LP bracket
Dual channel 40Gbps Infiniband HCA card
MC-0JHC21   MCX0JHC21 (LD)
Full High & comes with additional LP bracket
Single channel 56Gbps Infiniband HCA card
MC-0JHC31   MCX0JHC31 (LD)
Full High & comes with additional LP bracket
Dual channel 56Gbps Infiniband HCA card
MC-0JHC41   MCX0JHC41 (LD)
Full High & comes with additional LP bracket

PCI CARDS_3

Max. 16 cards can be mounted.
I/O Unit (1GbE) : Max. 4 cards per unit
I/O Unit (10GbE) : Max. 3 cards per unit

Option

Dual channel 6Gbps SAS RAID Controll Card
MC-0JSR41   MCX0JSR41 (LD)   *Procyon-U – LSI2208
Low Profile

Dual channel 6Gbps SAS RAID Controll Card
MC-0JSR42   MCX0JSR42 (LD)   *Procyon-U – LSI2208
Full Height

Option

RAID Controller FBU Mount Kit
MC-0HCK21   MCX0HCK21 (LD)
- This product is necessary to mount up to 2 FBU
in a IOUL
Mountable in PCIe slots of IOU .
Only one card can be mounted in IOU 1Gbps.
No limitation in other case

Flash Back-up Unit
MC-0JFB21   MCX0JFB21 (LD)
- Flash Backup Unit for RAID Controller with cache memory
Mountable in PCIe slots of IOU .
Only two card can be mounted in IOU 1Gbps.
No limitation in other case

Dual channel 6Gbps SAS RAID Controll Card
MC-0JSR42   MCX0JSR4" (LD)   *Procyon-U – LSI2208
Full Height

Dual Channel 6Gbps SAS Card
MC-0JSS21   MCX0JSS21 (LD)   * LSI SAS9200-8e
Low Profile

Dual Channel 6Gbps SAS Card
MC-0JSS22   MCX0JSS22 (LD)   * LSI SAS9200-8e
Full Height

PCI CARDS_4

Max. 16 cards can be mounted.
 I/O Unit (1GbE) : Max. 4 cards per unit
 I/O Unit (10GbE) : Max. 3 cards per unit
 PCI Box : Max. 12 cards per unit

PCIe SSD Endurance

Order number	DWPD (Drive Writes Per Day)	Period ot time
365GB	6	5 years
785GB	7,7	5 years
.12TB	7,7	5 years

PCIe SSD Card (365GB)
MC-0JSD31   MCX0JSD31 (LD)
Full High & comes with additional LP bracket
This product is to be withdrawn on Dec. 25th, 2014.

PCIe SSD Card (785GB)
MC-0JSD11   MCX0JSD11 (LD)
Full High & comes with additional LP bracket
This product is to be withdrawn on Dec. 25th, 2014.

PCIe SSD Card (1.2TB)
MC-0JSD21   MCX0JSD21 (LD)
Full High & comes with additional LP bracket
This product is to be withdrawn on Dec. 25th, 2014.

PCIe SSD Card (800GB)
MC-0JSD61   MCX0JSD61 (LD)
PCIe-SSD Intel P3700 AIC (Low Profile, with FH bracket)
This product is to be orderable from 2015 June 30th.

PCIe SSD Card (1.6TB)
MC-0JSD71   MCX0JSD71 (LD)
PCIe-SSD Intel P3700 AIC (Low Profile, with FH bracket)
This product is to be orderable from 2015 June 30th.

PCIe SSD Card 2.0TB)
MC-0JSD81   MCX0JSD81 (LD)
PCIe-SSD Intel P3700 AIC (Low Profile, with FH bracket)
This product is to be orderable from 2015 June 30th.

Precautions	OS	Preventive measures
Uncorrectable errors of multiple RAID cards occur during installation of SVIM.	No limitation for OS	The number of LAN ports per server base unit should be max. 96. The number of LAN ports per Hardware Partitioning should less tha 96.
If booting of OS via SAN-Boot using multi-path cards fails because of error in the path, booting of OS does not complete even via alternative path.	No limitation for OS	No preventive measure
To execute hot plug operations of FC cards while running OCM, restart of OS is required.	Windows Server	To close OCM monitor before PHP operations.
Multiple paths between IOU with 1Gbps LAN and IOU with 10Gbps LAN is NOT allowed.	Windows Server	No preventive measure
MMB and remote PC MUST BE connected by text console redirection.	Red Hat Enterprise Linux	Set "console=tty0" by kernel command line to use VGA or telnet.
"System Progress" status in MMB WebUI does not change into "OS Running"	ESXi 5.1u2(UEFI)	it is necessary to insert the following commands at the system console: ~ # vmkload_mod /usr/lib/vmware/vmkmod/ipmi_devintf ~ # vmkload_mod /usr/lib/vmware/vmkmod/ipmi_si_drv ports=0x0E02 ~ # esxcfg-module -s 'ports=0x0E02' ipmi_si_drv
vSphere client does not recognize FCoE cards as storage or network adapter.	ESXi 5.x	Install FCoE driver. SW-ID: 1111648

Product Name	Order Number
SAS RAID controller card	MC-0JSR31
SAS RAID controller card mount kit	MC-0HCK11
Flash Back-up Unit	MCX0JFB11
Dual channel 6Gbps SAS Card	MC-0JSS21
Dual channel 6Gbps SAS RAID controller card	MC-0JSR41
FBU Mount Kit for Ext. SAS RAID Card	MC-0HCK21
FBU for Ext. SAS RAID Card	MC-0JFB21
Single Channel 8Gbps Fibre Channel Card	MC-0JFC31
Single Channel 8Gbps Fibre Channel Card	MC-0JFC91
Dual Channel 8Gbps Fibre Channel Card	MC-0JFC41
Dual Channel 8Gbps Fibre Channel Card	MC-0JFCA1
Single Channel 16Gbps Fibre Channel Card	MC-0JFC71
Dual Channel 16Gbps Fibre Channel Card	MC-0JFC81
Dual Channel 1000BASE-T Card	MC-0JGE81
Quad Channel 1000BASE-T Card	MC-0JGE91
Dual Channel 1000BASE-T Card	MC-0JGEA1
Quad Channel 1000BASE-T Card	MC-0JGEB1
Dual Channel 10G BASE-T Card	MC-0JXE31
Dual Channel 10G BASE Card	MC-0JXE41
Dual Channel FCoE card (10Gbps)	MC-0JCE61
Dual Channel FCoE card (10Gbps)	MC-0JCE62
Dual Channel 10Gbps LAN Card (SFP+)	MC-0JCE71
Single channel 40Gbps Infiniband HCA card	MC-0JHC11
Dual channel 40Gbps Infiniband HCA card	MC-0JHC21
Single channel 56Gbps Infiniband HCA card	MC-0JHC31
Dual channel 56Gbps Infiniband HCA card	MC-0JHC41
Dual Channel 10Gbps LAN Card (SFP+)	MC-0JXE51
PCIe SSD Card (365GB)	MC-0JSD31

PCIe SSD Card (785GB)	MC-0JSD11
PCIe SSD Card (1.2TB)	MC-0JSD21
PCIe SSD Card (800GB)	MC-0JSD61
PCIe SSD Card (1.2TB)	MC-0JSD71
PCIe SSD Card (2.0TB)	MC-0JSD81
PCI BoX connection card	MC-0JPC11

*1 Max. 4 pcs of this card can be mounted to one unit of IOU (1Gbps)
Max. 2 pcs of this card can be mounted to one unit of IOU (10Gbps)
If four units of IOU (1Gbps) are mounted to one server, 16 pcs of 1Gbps cards

Limiitation for max. Qty. of IOU	Limitation for max. Qty. of Sytem Board	Limitation for max. Qty. of Disk Unit
Not moutable	No limitation	No limitation
Not moutable	No limitation	Not moutable
Not moutable	No limitation	No limitation
No limitation	Not moutable	Not moutable
No limitation	Not moutable	Not moutable
1 (IOUL only)	Not moutable	Not moutable
2(IOUL only)	Not moutable	Not moutable
No limitation	Not moutable	Not moutable
No limitation	Not moutable	Not moutable
No limitation	Not moutable	Not moutable
No limitation	Not moutable	Not moutable
No limitation	Not moutable	Not moutable
No limitation	Not moutable	Not moutable
No limitation	Not moutable	Not moutable
No limitation	Not moutable	Not moutable
No limitation	Not moutable	Not moutable
No limitation	Not moutable	Not moutable
No limitation	Not moutable	Not moutable
No limitation	Not moutable	Not moutable
Max. 4 per IOU (1Gbps) Max. 3 per IOU(10Gbps)	Not moutable	Not moutable
Max. 4 per IOU (1Gbps) Max. 3 per IOU(10Gbps)	Not moutable	Not moutable
Max. 4 per IOU (1Gbps) Max. 3 per IOU(10Gbps)	Not moutable	Not moutable
No limitation	Not moutable	Not moutable
No limitation	Not moutable	Not moutable
No limitation	Not moutable	Not moutable
No limitation	Not moutable	Not moutable
No limitation	Not moutable	Not moutable
No limitation	Not moutable	Not moutable

No limitation	Not moutable	Not moutable
No limitation	Not moutable	Not moutable
No limitation	Not moutable	Not moutable
No limitation	Not moutable	Not moutable
No limitation	Not moutable	Not moutable
1(IOUF) 2(IOUL)	Not moutable	Not moutable

can be mound there

800B

Limitation for max. Qty. of Base unit and PCI BOXes
limitation for MegaRAID: Max. 7
limitation for MegaRAID: Max. 7
limitation for MegaRAID: Max. 7
8
limitation for MegaRAID: Max. 7
4
limitation for MegaRAID: Max. 7
16
limitation for 1G LAN: Max. 8
limitation for 1G LAN: Max. 16*1
24 Limitation for 10G LAN and Infiniband: Total 16 for each physical partition
16 Max. number of these cards per system is 4 in Legacy Mode. Max. number of these cards per system is 16 in UEFI Mode.
16 InfiniBand cards in Windows is usable in the following restricted environment. - the number of CPU core ≦64 - IB card ≦ 2 - Memory amount of a partition ≦ 1TB (1) Limitation for 10G LAN and Infiniband: Total 16 for each physical partition (2) Limitaton for Infiniband : max. 2 per base unit for Windows
16

16	
16	
8	

Product name	Order number	Model			OS						
		PRIMEQUEST 2400E	PRIMEQUEST 2800E	PRIMEQUEST 2800B	Win2C	Win2C	Win2C	RHEL	SLES	VMwar	OVM
PRIMEQUEST 2400E Base Cabinet	MCF2AC111	A	NA	NA	A	A	A	A	A	A	A
PRIMEQUEST 2800E Base Cabinet	MCF3AC111	NA	A	NA	A	A	A	A	A	A	A
PRIMEQUEST 2800B Base Cabinet	MCF3AC111B	NA	NA	A	A	A	A	A	A	A	A
System board	MC-2HSB51	A	NA	NA	A	A	A	A	A	A	A
System board	MC-3HSB51	NA	A	NA	A	A	A	A	A	A	A
System board	MC-3HSB51B	NA	NA	A	A	A	A	A	A	A	A
SAS RAID controller card mount kit	MC-0HCK11	A	A	A	A	A	NA	A	A	A	A
CPU(Xeon E7-4890v2)	MC-2BCA11	A	NA	NA	A	A	A	A	A	A	A
CPU(Xeon E7-8890v2)	MC-3BCA11	NA	A	NA	A	A	A	A	A	A	A
CPU(Xeon E7-8890v2)	MC-3BCA11B	NA	NA	A	A	A	A	A	A	A	A
CPU(Xeon E7-8880v2)	MC-3BCE11	NA	A	NA	A	A	A	A	A	A	A
CPU(Xeon E7-8880v2)	MC-3BCE11B	NA	NA	A	A	A	A	A	A	A	A
CPU(Xeon E7-4850v2)	MC-2BCB11	A	NA	NA	A	A	A	A	A	A	A
CPU(Xeon E7-8850v2)	MC-3BCB11	NA	A	NA	A	A	A	A	A	A	A
CPU(Xeon E7-8850v2)	MC-3BCB11B	NA	NA	A	A	A	A	A	A	A	A
CPU(Xeon E7-8893v2)	MC-2BCD11	A	NA	NA	A	A	A	A	A	A	A
CPU(Xeon E7-8893v2)	MC-3BCD11	NA	A	NA	A	A	A	A	A	A	A
CPU(Xeon E7-8893v2)	MC-3BCD11B	NA	NA	A	A	A	A	A	A	A	A
Memory Extension Board	MC-2HMB11	A	NA	NA	A	A	A	A	A	A	A
Memory Extension Board	MC-3HMB11	NA	A	NA	A	A	A	A	A	A	A
Memory Extension Board	MC-3HMB11B	NA	NA	A	A	A	A	A	A	A	A
16GB Memory (8GB DDR3 DIMM x2)	MC-2CB511	A	NA	NA	A	A	A	A	A	A	A
16GB Memory (8GB DDR3 DIMM x2)	MC-3CB511	NA	A	NA	A	A	A	A	A	A	A
16GB Memory (8GB DDR3 DIMM x2)	MC-3CB511B	NA	NA	A	A	A	A	A	A	A	A
32GB Memory (16GB DDR3 DIMM x2)	MC-2CB611	A	NA	NA	A	A	A	A	A	A	A
32GB Memory (16GB DDR3 DIMM x2)	MC-3CB611	NA	A	NA	A	A	A	A	A	A	A
32GB Memory (16GB DDR3 DIMM x2)	MC-3CB611B	NA	NA	A	A	A	A	A	A	A	A
64GB Memory (32GB DDR3 DIMM x2)	MC-2CC711	A	NA	NA	A	A	A	A	A	A	A
64GB Memory (32GB DDR3 DIMM x2)	MC-3CC711	NA	A	NA	A	A	A	A	A	A	A
64GB Memory (32GB DDR3 DIMM x2)	MC-3CC711B	NA	NA	A	A	A	A	A	A	A	A
128GB Memory (32GB DDR3 DIMM x2)	MC-2CC811	A	NA	NA	A	A	A	A	A	A	A
128GB Memory (32GB DDR3 DIMM x2)	MC-3CC811	NA	A	NA	A	A	A	A	A	A	A
128GB Memory (32GB DDR3 DIMM x2)	MC-3CC811B	NA	NA	A	A	A	A	A	A	A	A
Management Board	MC-5HMM21	A	A	A	A	A	A	A	A	A	A
I/O Unit (1GbE)	MC-2HUX31	A	NA	NA	A	A	A	A	A	A	A
I/O Unit (1GbE)	MC-3HUX31	NA	A	NA	A	A	A	A	A	A	A
I/O Unit (1GbE)	MC-3HUX31B	NA	NA	A	A	A	A	A	A	A	A
I/O Unit (10GbE)	MC-2HUX41	A	NA	NA	A	A	A	A	A	A	A
I/O Unit (10GbE)	MC-3HUX41	NA	A	NA	A	A	A	A	A	A	A
I/O Unit (10GbE)	MC-3HUX41B	NA	NA	A	A	A	A	A	A	A	A
Disk Unit	MC-5HDU11	A	A	A	A	A	NA	A	A	A	A
200GB SAS SSD	MC-5DK731	A	A	A	A	A	NA	A	A	A	A
400GB SAS SSD	MC-5DK841	A	A	A	A	A	NA	A	A	A	A
800GB SAS SSD	MC-5DK911	A	A	A	A	A	NA	A	A	A	A
1.6TB SAS SSD	MC-5DKA11	A	A	A	A	A	NA	A	A	A	A
300GB Hard Disk Drive (15,000rpm)	MC-5DS731	A	A	A	A	A	NA	A	A	A	A
300GB Hard Disk Drive (10,000rpm)	MC-5DS741	A	A	A	A	A	NA	A	A	A	A
600GB Hard Disk Drive (10,000rpm)	MC-5DS921	A	A	A	A	A	NA	A	A	A	A

A : Available

NA : Not Available

Product	Code	1	2	3	4	5	6	7	8	9	10
900GB Hard Disk Drive (10,000rpm)	MC-5DSA21	A	A	A	A	A	NA	A	A	A	A
1.2TB Hard Disk Drive (10,000rpm)	MC-5DSB11	A	A	A	A	A	NA	A	A	A	A
200V High efficiency PSU	MC-5HPS41	A	A	A	A	A	A	A	A	A	A
100V/200V normal PSU	MC-5HPS61	A	A	A	A	A	A	A	A	A	A
FAN Unit	MC-5HFA41	A	A	A	A	A	A	A	A	A	A
IEC AC(100V/200V) Cable (1m)	MC-0HCA81	A	A	A	—	—	—	—	—	—	A
IEC AC(100V/200V) Cable (3m)	MC-0HCA83		A								A
PCI BoX	MC-0HPB31	A	A	A	A	A	A	A	A	A	A
PSU for PCI BoX	MC-0HPS41	A	A	A	A	A	A	A	A	A	A
IEC AC(100V/200V) Cable (1m) for PCI BoX	MC-0HCAB1	A	A	A	—	—	—	—	—	—	A
IEC AC(100V/200V) Cable (3m) for PCI BoX	MC-0HCAB3	A	A	A							A
SAS RAID controller card	MC-0JSR31	A	A	A	A	A	NA	A	A	A	A
Flash Back-up Unit	MC-0JFB11	A	A	A	A	A	NA	A	A	A	A
Single Channel 8Gbps Fibre Channel Card	MC-0JFC31	A	A	A	A	A	A	A	A	A	A
Single Channel 8Gbps Fibre Channel Card	MC-0JFC91	A	A	A	A	A	A	A	A	A	A
Dual Channel 8Gbps Fibre Channel Card	MC-0JFC41	A	A	A	A	A	A	A	A	A	A
Dual Channel 8Gbps Fibre Channel Card	MC-0JFCA1	A	A	A	A	A	A	A	A	A	A
Single Channel 16Gbps Fibre Channel Card	MC-0JFC71	A	A	A	A	A	A	A	A	A	A
Dual Channel 16Gbps Fibre Channel Card	MC-0JFC81	A	A	A	A	A	A	A	A	A	A
Dual Channel 1000BASE-T Card	MC-0JGE81	A	A	A	A	A	A	A	A	A	A
Quad Channel 1000BASE-T Card	MC-0JGE91	A	A	A	A	A	A	A	A	A	A
Dual Channel 1000BASE-T Card	MC-0JGEA1	A	A	A	A	A	A	A	A	A	A
Quad Channel 1000BASE-T Card	MC-0JGEB	A	A	A	A	A	A	A	A	A	A
Dual Channel 10G BASE-T Card	MC-0JXE31	A	A	A	A	A	A	A	A	A	A
Dual Channel 10G BASE Card	MC-0JXE41	A	A	A	A	A	A	A	A	A	A
Dual Channel 10Gbps LAN Card (SFP+)	MC-0JXE51	A	A	A	A	A	A	A	A	A	A
Dual Channel FCoE card (10Gbps)	MC-0JCE61	A	A	A	A	A	A	A*1	A	A	NA
Dual Channel FCoE card (10Gbps)	MC-0JCE62	A	A	A	A	A	A	A*1	A	A	NA
Dual Channel 10Gbps LAN Card (SFP+)	MC-0JCE71	A	A	A	A	A	A	A*1	A	A	NA
Single channel 40Gbps Infiniband HCA card	MC-0JHC11	A	A	A	NA	A	A	A*2	NA	NA	NA
Dual channel 40Gbps Infiniband HCA card	MC-0JHC21	A	A	A	NA	A	A	A*2	NA	NA	NA
Single channel 56Gbps Infiniband HCA card	MC-0JHC31	A	A	A	NA	A	A	A*2	NA	NA	NA
Dual channel 56Gbps Infiniband HCA card	MC-0JHC41	A	A	A	NA	A	A	A*2	NA	NA	NA
Dual channel 6Gbps SAS RAID controller ca	MC-0JSR41	A	A	A	A	A	NA	A	A	A	A
FBU Mount Kit for Ext. SAS RAID Card	MC-0HCK21	A	A	A	A	A	NA	A	A	A	NA
FBU for Ext. SAS RAID Card	MC-0JFB21	A	A	A	A	A	NA	A	A	A	NA
Dual channel 6Gbps SAS Card	MC-0JSS21	A	A	A	A	A	A	A	A	A	A
PCIe SSD Card (365GB)	MC-0JSD31	A	A	A	A	A	A	A	A	A	NA
PCIe SSD Card (785GB)	MC-0JSD11	A	A	A	A	A	A	A	A	A	NA
PCIe SSD Card (1.2TB)	MC-0JSD21	A	A	A	A	A	A	A	A	A	NA
PCIe SSD Card (800GB)	MC-0JSD61	A	A	A	A	A	A	A	A	NA	NA
PCIe SSD Card (1.2TB)	MC-0JSD71	A	A	A	A	A	A	A	A	NA	NA
PCIe SSD Card (2.0TB)	MC-0JSD81	A	A	A	A	A	A	A	A	NA	NA
PCI BoX connection card	MC-0JPC11	A	A	A	A	A	A	A	A	A	NA

*1 RHEL7 is not supported

*2 RHEL6.6 is not supported

Rack productst for APAC, North Americas, and South Americas

For details of rack products, refer to "19Inch Rack Handbook".
https://globalpartners.ts.fujitsu.com/sites/primeweb/services/servers/primequest/document/Pages/dc-h-guide.aspx

Rack for APAC , NA & SA

Notices for Rack Mount Kit
- Rack Mount Kit is bundled to PRIMEQUEST Base Unit
- This Rack Mount Kit is usable to mount PRIMEQUEST
   to Rack Units delivered from Fujitsu Japan factory and
FTS factory.

Rack Units

Model 2724
19R-272A2
24U, Base Unit

Model 2737
19R-273A2
37U, Base Rack

Model 2737
19R-273A2
37U, Expansion Rack

Model 2742
19R-274A2
42U, Base Rack

Model 2742
19R-274B2
42U, Expansion Rack

Model 2616
19R-261A2
16U, Base Rack

Model 2624
19R-262A2
42U, Base Rack

Model 2642
19R-264A2
42U, Base Rack

Model 2642
19R-264B2
42U, Expansion Rack

Notices for Tilt Reistent Stabilizer
- This stabilizer must be stated in order sheet.

Tilt-Resistent Stabilizer

L-form Stabilizer
19R-27FS1
For model 2724/2737/2742

L-form Stabilizer
19R-26FS1
For model 2616/2624/2642

Pull out type Stabilizer
19R-26FS2
For model 2724/2737/2742/2616/2624/2642

Earthquake Proof Kit

Earthquake Proof Kit
19R-27ST1
For Basic Rack for model 2724/2737/2742

Earthquake Proof Kit
19R-27ST2
For Expansion Rack for model 2724/2737/2742

Earthquake Proof Kit
19R-26ST1
For Basic Rack for model 2616/2624/2642

Earthquake Proof Kit
19R-26ST2
For Expansion Rack for model 2616/2624/2642

Notices for Blank Panel
- This is used to prevent outflow of heated air
- Spaces to joint Side Cable Duct should be covered by

Blank Panel

Blank Panel (1U)
19R-26BP1
For model 2724/2737/2742/2616/2624/2642

Blank Panel (2U)
19R-26BP2
For model 2724/2737/2742/2616/2624/2642
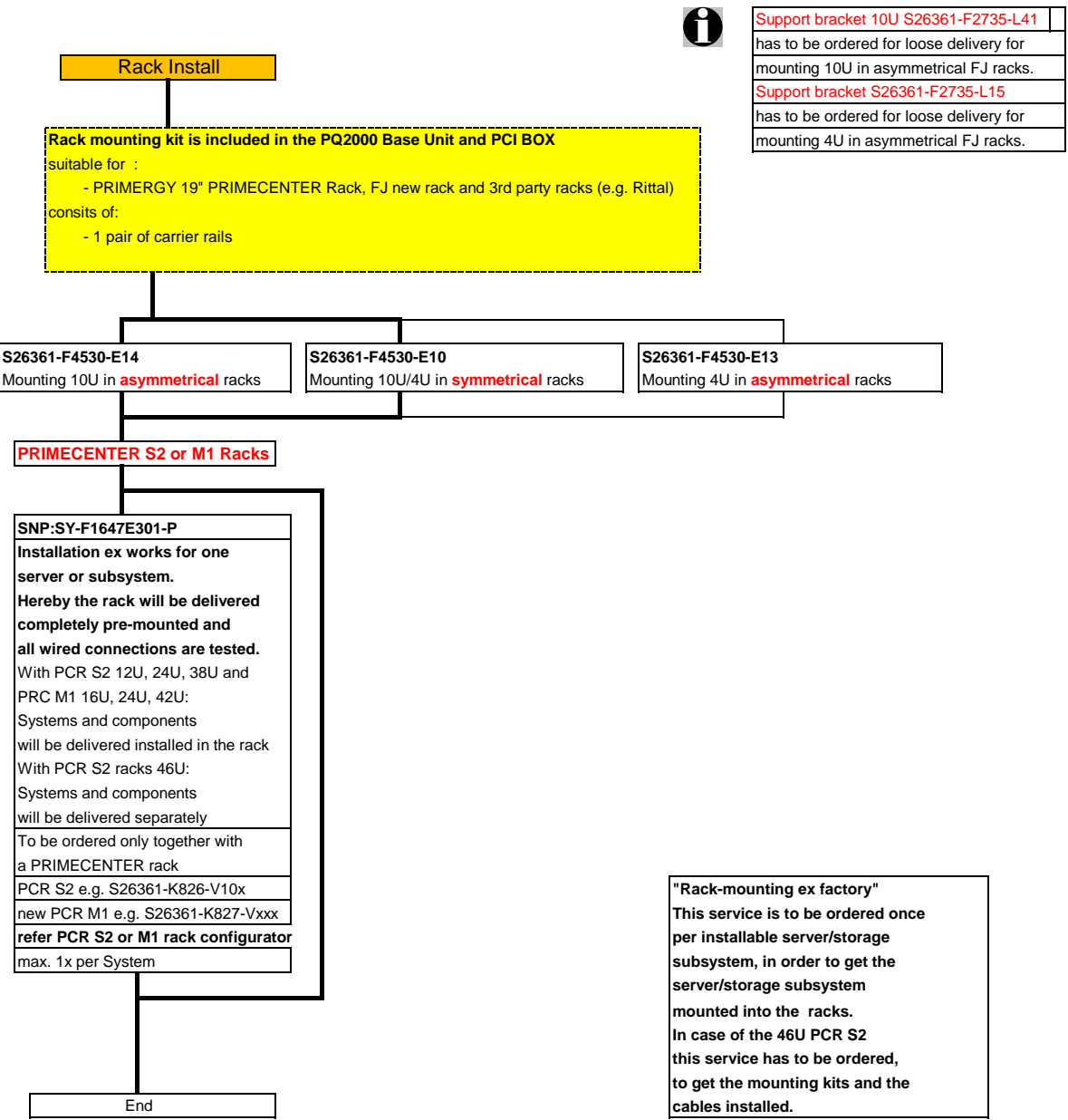
Blank Panel (3U)
19R-26BP3

For model 2724/2737/2742/2616/2624/2642

Rack Tray

Rack Tray (Fixed Type)
19R-26TR1
For model 2724/2737/2742/2616/2624/2642

Rack Tray (Slide Type)
19R-26TR2
For model 2724/2737/2742/2616/2624/2642

Laptop PC Tray
19R-26TR3
For model 2724/2737/2742/2616/2624/2642

Slide Cable Duct

Slide Cable Duct
19R-27SD1
For model 2724/2737/2742/2616/2624/2642

Cable Holder

Cable Holder
19R-27CM1
For front side
For model 2724/2737/2742
*1

*1 Cable Holders are bundled to Rack Units.
Please include this product in order sheet
if quantity of this product bundled is insufficient.
- 10 pcs for model 2742, 8 pcs for model for 2737, 6 pcs for 2724.

Cable Holder
19R-27CM2
For rear side
For model 2724/2737/2742
*1

Cable Holder
19R-26CM1
For front side
For model 2616/2624
*2

*2 Cable Holders are bundled to Rack Units.
Please include this product in order sheet
if quantity of this product bundled is insufficient.
- 6 pcs for model 2624, 4 pcs for model for 2716..

Cable Holder
19R-26CM2
For rear side
For model 2616/2624
*2

Cable Holder
19R-26CM11
For front side
For model 2642
*3

*3 Cable Holders are bundled to Rack Units.
Please include this product in order sheet
if quantity of this product bundled is insufficient.
- 10 pcs for model 2642.

Cable Holder
19R-26CM21
For rear side
For model 2642
*3

Screw Unit

Screw Unit
19R-26SC1
50 pcs of M6 screw units and 50 pcs of M6 cage nuts

Rack Installation for CEMEA&I, UK & NORDIC

Support bracket 10U S26361-F2735-L41
has to be ordered for loose delivery for
mounting 10U in asymmetrical FJ racks.
Support bracket S26361-F2735-L15
has to be ordered for loose delivery for
mounting 4U in asymmetrical FJ racks.

Rack Install

Rack mounting kit is included in the PQ2000 Base Unit and PCI BOX
suitable for :
      - PRIMERGY 19" PRIMECENTER Rack, FJ new rack and 3rd party racks (e.g. Rittal)
consits of:
      - 1 pair of carrier rails

S26361-F4530-E14
Mounting 10U in **asymmetrical** racks

S26361-F4530-E10
Mounting 10U/4U in **symmetrical** racks

S26361-F4530-E13
Mounting 4U in **asymmetrical** racks

PRIMECENTER S2 or M1 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 S2 12U, 24U, 38U and
PRC M1 16U, 24U, 42U:
Systems and components
will be delivered installed in the rack
With PCR S2 racks 46U:
Systems and components
will be delivered separately
To be ordered only together with
a PRIMECENTER rack
PCR S2 e.g. S26361-K826-V10x
new PCR M1 e.g. S26361-K827-Vxxx
refer PCR S2 or M1 rack configurator
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 the 46U PCR S2
this service has to be ordered,
to get the mounting kits and the
cables installed.

End

For more configuration information, RACK COMPONENNTS, PDU & KVM see
http://globalsp.ts.fujitsu.com/dmsp/Publications/public/cnfgPCM1rack.pdf

Disk drives in DU make RAID levels below available
- RAID 0, 1, 5,6, 1E, 10,50, 60

Please confirm available RAID levels

Components	RAID cards	Qty. of HDD	RAID level
DU	Cougar3	1	0
		2	0,1
		3	0,1,5,6
		4	all

Because VMware vSphere 5 does not make Segment Mode available,
only VMware poses limitation for available number of SB, IOU.

The largest configuration for one server must follow limitation below
(1) If Number of SB is 4, max. number of IOU is 2
(2) If number of SB is 3 max number of IOU can be 4
(3) If number of SB is 2, no specific limitation on number of IOU

Change Report

Date	Order number	Changes
12.02.2014		Sheet :"System Board", SB with TPM is postponed
12.02.2014		Sheet "Memory Mode", Spare is postponed
12.02.2014		Sheet : "Intertnal SSD for DU", all of Seagate SSD are removed,
12.02.2014		Sheet : "Intertnal SSD for DU", ME SSD for 200GB, 400GB, and 1.6TB are postponed
12.02.2014		Sheet "PCI Card" : Qlogic FC cards are postponed
12.02.2014		Sheet " PCI card2", FCOE cards are postponed
12.02.2014		Sheet " PCI card3", Graphic cards are postoned
12.02.2014		Sheet " PCI card4", PCIe SSD 2.4TB is postoned
21.02.2014		sheet "PCI Card4" : Endurance of PCIe SSD
10.03.2014		Sheet "Base Unit Power cord" : Rellevant order numbers are integrated to System Architect.
10.03.2014		Sheet "PCI Box (2)" : Rellevant order numbers are integrated to System Architect.
10.03.2014		Sheet "PCI Card1" : Max. Qty for LAN cards are added.
10.03.2014		Sheet "PCI Card3" : Max. Qty. for FBU and InfiniBand cards are added.
10.03.2014		Sheet "Release" : Functional limitation table is added.
10.03.2014		Sheet "Precautions" : table for precaution is added.
10.03.2014		Sheet "Max. Qty. of PCIe Card" : Table for maax. Quantity for PCIe card is added.
10.04.2014		Sheet "Sytem Board" : SB with TPM becomes orderable
10.04.2014		Sheet " Internal HDD for DU" : 1.2TB HDD becomes orderable
10.04.2014		Sheet " Internal SSD for DU" : 200GB, 400GB, 1.6TB SSD become orderable
14.05.2014		Sheet "System Board" : SB with and without TPM can be mixed.
14.05.2014		Sheet "Rack Install(APAC_NA_SA) : Detailed explanation for Fujitsu Japan rack
06.06.2014		Sheet "OS x Order number matrix" : newly added.
26.06.2014		Sheet "PCI Card1 : New LAN cards are added
26.06.2014		Sheet "PCI Card4 : Release of 2.4TB PCIe SSD is suspended.
26.06.2014		Sheet "Memory Mode", Spare will be released in August
26.06.2014		Sheet "Max. Qty. of PCIe Card" : New LAN card added. Max. two InfiniBand cards can be mounted per server for Windows.
12.08.2014		Sheet : "Max. Qty.of PCIe CARD" Max. qty for FCoE and LAN card added
12.08.2014		Sheet : "OS x Order Number matrix", line for FCoE added
04.11.2014		Sheet: "PCI Cards", Orderable date for Qlogic FC cards is changed
04.11.2014		Sheet: "PCI Cards2", Orderable date and EOL date for FCoE cards are added.
04.11.2014		Sheet: "PCI Cards4", Orderable date and EOL date for PCIe SSD cards are added.
04.11.2014		Sheet: "Max. Qty. of PCIe Card", FCoE cards added.
04.11.2014		Sheet: "OS x Order number matrix", FCoE cards added.
16.02.2015		Sheet:"PCI Cards", added notes to Emulex FC cards.
16.02.2015		Sheet:"PCI Cards2", note for FCoE cards is changed.
16.02.2015		Sheet :"Max. Qty. of PCIe cards", changed explanatiosn of FCoE cards and Infiniband cards
16.02.2015		Sheet:"OS x Ordr number matrix" changed Infiniband cards
12.06.2015		Sheet : OS x Order number matrix, PCIe SSD(800GB,1.6/2.0TB) is not available to VMware.
30.07.2015	FCoE cards	Limitations for FCoE cards are released
30.07.2015		Precautions are modified