

PowerEdge R750 Information Update - Tech Sheet

Notes, cautions, and warnings

 **NOTE:** A NOTE indicates important information that helps you make better use of your product.

 **CAUTION:** A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

 **WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

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Overview

The information in this document supersedes the information in the pertinent sections of the Installation and Service Manual, BIOS and UEFI Reference Guide, and Technical Specifications.

For a complete list of information, see the documents available at <https://www.dell.com/poweredgemanuals>.

Revision history

This section provides a description of document changes.

Table 1. Document Revision history

Document Revision	Date	Description of changes
1	November, 2022	• Updated new PSU details • Updated expansion card details • Updated new cable part # for GPU kit

Information Update

Topics:

- [GPU kit](#)
- [Expansion card installation guidelines](#)

GPU kit

The GPU FL and HL kits are available for the Customer. Depending on the kit ordered, the respective components are available.

CAUTION: Do not install GPUs, network cards, or other PCIe devices on your system that are not validated and tested by Dell. Damage caused by unauthorized and invalidated hardware installation will null and void the system warranty.

WARNING: Consumer-Grade GPU should not be installed or used in the Enterprise Server products.

Table 2. Components in the full length (FL) GPU kit

Components	GPU FL GOLD kit		GPU FL SLVR kit	
	Details	Quantity	Details	Quantity
Risers	Riser configuration 2-1, 3-1 ¹ , or 4-1 [^]	3 x FL risers (R1A or R1C, R4A) + 3 x HL risers (R2A, R3A, or R3B [#])	Riser configuration 2-1, 3-1 ¹ , or 4-1 [^]	3 x FL risers (R1A or R1C, R4A) + 3x HL risers (R2A, R3A, or R3B [#])
Shroud	GPU shroud	1	GPU shroud	1
Fans	GOLD HPR	6	SLVR HPR	6
Heat sinks	T-type heat sink for processor 1 and processor 2	2	T-type heat sink for processor 1 and processor 2	2
Cables	Power cable ^{\$}	2x (6+2)-pin power cables, 2 x 8-pin power cables, 16-pin power cables.	Power cable	2x (6+2)-pin power cables, 2 x 8-pin power cables, 16-pin power cables.
Foam	Mylar foam	1	Mylar foam	1
FL - Full Length, HL - Half Length, HPR - High Performance, SLVR - Silver				

NOTE: [^] Refer to [expansion card installation guidelines](#) for more information about riser configuration supported for the system.

NOTE: [#] The Riser R3B is shipped with the GPU FL kit, however riser R3B does not support GPU.

NOTE: ¹ The configuration 3-1 supports GPU only on slots 2 and 7.

NOTE: ^{\$} Use power cable PN F8NXW for NVIDIA H100 in slot 2 and power cable PN MMK2H for H100 in slot 7. The NVIDIA H100 power cable is 300 W capable.

Table 3. Components in the half length (HL) GPU kit

Components	GPU HL GOLD kit		GPU HL SLVR kit	
	Details	Quantity	Details	Quantity
Risers	Riser configuration 2-2 or 4-2 [^]	8 x HL risers (R1A or R1C, R2A, R3A, or R3B, R4A)	Riser configuration 2-2 or 4-2 [^]	8 x HL risers (R1A or R1C, R2A, R3A, or R3B, R4A)
Shroud	GPU shroud	1	GPU shroud	1
Fans	GOLD HPR	6	SLVR HPR	6
Heat sinks	T-type heat sink for processor 1 and processor 2	2	T-type heat sink for processor 1 and processor 2	2
Cables	N/A	0	N/A	0

Table 3. Components in the half length (HL) GPU kit (continued)

Components	GPU HL GOLD kit		GPU HL SLVR kit	
	Details	Quantity	Details	Quantity
Foam	Mylar foam	1	Mylar foam	1
HL - Half Length, HPR - High Performance, SLVR - Silver				

NOTE: ^ Refer to [expansion card installation guidelines](#) for more information about riser configuration supported for the system.

Before you begin, follow the **safety guidelines** and **before working inside the system** instructions.

1. Remove the standard cooling fans and install the High performance (silver grade) fan or high-performance (gold grade) fan cooling fans.

NOTE: Refer to the cooling fan and foam requirement matrix for the cooling fan and foam requirement for different configurations.

Table 4. Cooling fan and foam requirement matrix

System configuration	Cooling fan		Foam requirement	
	w/GPU	w/GPU + Barlow Pass DIMM	w/GPU	w/GPU + Barlow Pass DIMM
8 x 2.5-inch NVMe	HPR SLVR	HPR GOLD	No	Yes
16 x 2.5-inch SAS/SATA	HPR GOLD	HPR GOLD	Yes	Yes
16 x 2.5-inch NVMe	HPR GOLD	HPR GOLD	Yes	Yes
24 x 2.5-inch SAS/SATA	HPR GOLD	HPR GOLD	Yes	Yes
16 x 2.5-inch SAS/SATA + 8 x 2.5-inch NVMe	HPR GOLD	HPR GOLD	Yes	Yes
HPR - High Performance, SLVR - Silver				

NOTE: For more information about supported cooling fans matrix, see the thermal restriction section in *Dell EMC PowerEdge R750 Technical Specifications* on the product documentation page.

NOTE: 12 x 3.5 inch and rear drive configuration systems do not support GPU card.

2. Remove the heat sink and install the required t-type heat sink.

NOTE: All GPU cards require t-type heat sink and GPU shroud, irrespective of the length.

3. Remove the air shroud and install the GPU air shroud.

4. Remove the GPU air shroud top cover.

NOTE: The GPU air shroud top cover is part of the GPU air shroud.

5. Remove the GPU air shroud filler.

6. Install the GPU.

NOTE: See [expansion card installation guidelines](#) to know about risers and slots that support GPU.

NOTE: For information about riser slot location on the system board, see the System board jumpers and connectors topic.

7. If applicable, connect the power cables to the GPU. To know the connectors for GPU on the system board, see the System board jumpers and connectors topic.

Refer to the GPU power cable matrix to know about the requirement of cable for the GPU.

Table 5. GPU power cable matrix

Category	Supported GPUs	Type	Vendor	Cable	Cable quantity
GPU	NVIDIA T4 and A2	HH and HL (FH and LP brackets)	NVIDIA	Not required	Not required
GPU	Intel ATS-M75	HH and HL (FH and LP brackets)	Intel	Not required	Not required
GPU	NVIDIA M10, A10, A30, A40, A16, A100, and A800	FH and FL	NVIDIA	8 pin cable	1 piece per GPU riser
GPU	NVIDIA H100	FH and FL	NVIDIA	16 pin cable	1 piece per GPU riser
HH - Half Height, HL - Half Length, FH - Full Height, FL - Full Length					

NOTE: Maximum of two double width GPUs with power cables or a maximum of eight single width GPUs are supported in a system.

8. Install the full length expansion card riser or half height expansion card riser. See GPU kit components table for supported GPU risers.
9. Install the GPU air shroud filler.
10. Install the GPU air shroud top cover.
11. Install the foam on the system cover. To install the foam,
 - a. Place the system cover with the System Information Label (SIL) side facing up.
 - b. For easier handling, peel off a small section of the adhesive cover and align the foam with the system cover.
 - c. Remove rest of the adhesive cover, and install foam on the system cover.
 - d. Press along the length of the foam to ensure that it is firmly affixed to the system cover.



Figure 1. Installing Mylar foam on the system cover

After installing, follow the After working inside the system instructions.

Expansion card installation guidelines

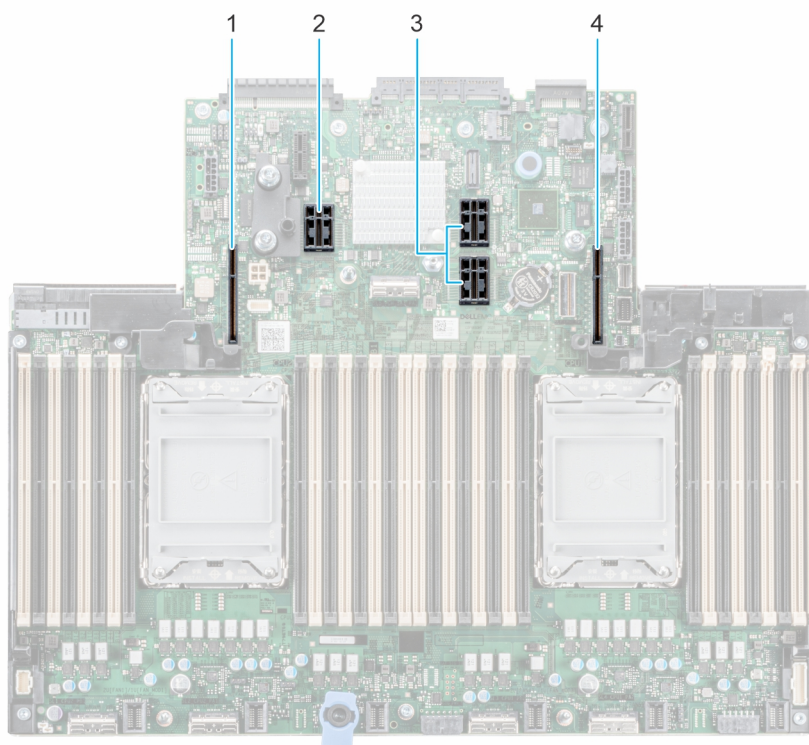


Figure 2. Expansion card slot connectors

1. Riser 4 (slot 7 and slot 8)
2. Riser 3 (slot 4 and slot 5)
3. Riser 2 (slot 3 and slot 6)
4. Riser 1 (slot 1 and slot 2)

The following table describes the expansion card riser configurations:

Table 6. Riser configurations

Configurations	Expansion card risers	PCIe Slots	Controlling processor	height	Length	Slot width
Config0. with 4x FH	R1B	1 and 2	Processor 1	Full height	Half length	x8 + x8
	R4B	7 and 8	Processor 2	Full height	Half length	x8 + x8
Config1. with 6x FH and 2x LP	R1B	1 and 2	Processor 1	Full height	Half length	x8 + x8
	R2A	3 and 6	Processor 1 and 2	Low profile	Half length	x16 + x16
	R3B	4 and 5	Processor 2	Full height	Half length	x8 + x8
	R4B	7 and 8	Processor 2	Full height	Half length	x8 + x8
Config2-1. with 4x FH and 2x LP	R1A	2	Processor 1	Full height, double width	Full length	x16
	R2A	3 and 6	Processor 1 and 2	Low profile	Half length	x16 + x16
	R3B	4 and 5	Processor 2	Full height	Half length	x8 + x8

Table 6. Riser configurations (continued)

Configurations	Expansion card risers	PCIe Slots	Controlling processor	height	Length	Slot width
	R4A	7	Processor 2	Full height, double width	Full length	x16
Config2-2. with 4x FH and 2x LP	R1A	2	Processor 1	Full height	Half length	x16
	R2A	3 and 6	Processor 1 and 2	Low profile	Half length	x16 + x16
	R3B	4 and 5	Processor 2	Full height	Half length	x8 + x8
	R4A	7	Processor 2	Full height	Half length	x16
Config3-1. with 4x FH, 1x SNAPI LP and 1x LP	R1A	2	Processor 1	Full height, double width	Full length	x16
	R2B (SNAPI)	3 and 6	Processor 1 and 2	Low profile	Half length	(x8 + x8) + x8
	R3B	4 and 5	Processor 2	Full height	Half length	x8 + x8
	R4A	7	Processor 2	Full height, double width	Full length	x16
Config3-2. with 4x FH, 1x SNAPI LP and 1x LP	R1A	2	Processor 1	Full height	Half length	x16
	R2B (SNAPI)	3 and 6	Processor 1 and 2	Low profile	Half length	(x8 + x8) + x8
	R3B	4 and 5	Processor 2	Full height	Half length	x8 + x8
	R4A	7	Processor 2	Full height	Half length	x16
Config4-1. with 4x FH and 2x LP	R1B	1 and 2	Processor 1	Full height	Full length	x16 + x16
	R2A	3 and 6	Processor 1 and 2	Low profile	Half length	x16 + x16
	R3A	5	Processor 2	Full height	Half length	x16
	R4A	7	Processor 2	Full height, double width	Full length	x16
Config4-2. with 4x FH and 2x LP	R1C	1 and 2	Processor 1	Full height	Half length	x16 + x16
	R2A	3 and 6	Processor 1 and 2	Low profile	Half length	x16 + x16
	R3A	5	Processor 2	Full height	Half length	x16
	R4A	7	Processor 2	Full height	Half length	x16
Config5. with 2x FH and 2x LP	R2A	3 and 6	Processor 1 and 2	Low profile	Half length	x16 + x16
	R4B	7 and 8	Processor 2	Full height	Half length	x8 + x8
Config6. with 4x FH and 2x LP	R1B	1 and 2	Processor 1	Full height	Half length	x8 + x8
	R2A	3 and 6	Processor 1 and 2	Low profile	Half length	x16 + x16
	R4B	7 and 8	Processor 2	Full height	Half length	x8 + x8
Config7. with 2x FH, 2x LP and R1 R3 paddle cards	R2A	3 and 6	Processor 1 and 2	Low profile	Half length	x16 + x16
	R4B	7 and 8	Processor 2	Full height	Half length	x8 + x8
	R1 paddle card	N/A	N/A	N/A	N/A	N/A

Table 6. Riser configurations (continued)

Configurations	Expansion card risers	PCIe Slots	Controlling processor	height	Length	Slot width
	R3 paddle card	N/A	N/A	N/A	N/A	N/A
Config8. with 2x FH and 1x LP	R1B	1 and 2	Processor 1	Full height	Half length	x8 + x8
	R2A	3	Processor 1	Low profile	Half length	x16
Config9. with 1x LP	R2A	3	Processor 1	Low profile	Half length	x16

NOTE: In config7 with R1 and R3 paddle cards does not have any physical slot on it. See **R1 and R3 paddle card** installation.

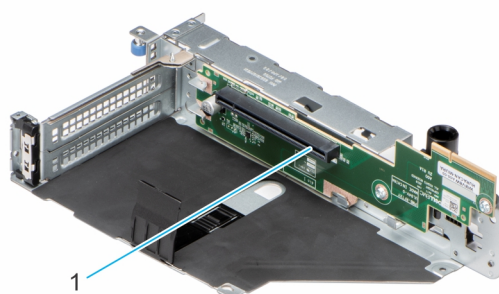


Figure 3. Riser 1A

1. Slot 2

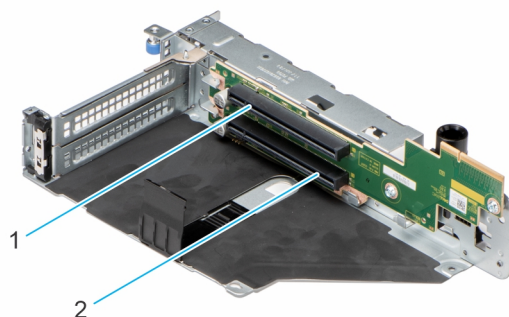


Figure 4. Riser 1B

1. Slot 2
2. Slot 1

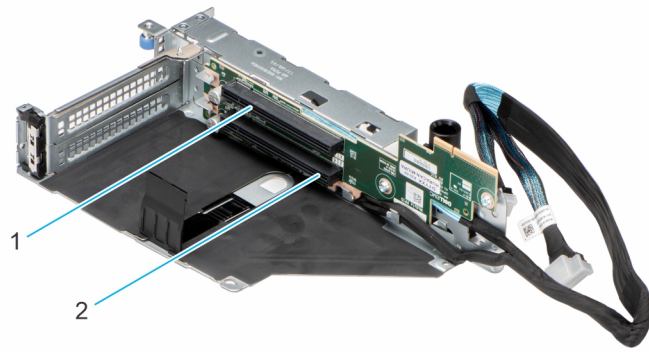


Figure 5. Riser 1C

1. Slot 2
2. Slot 1

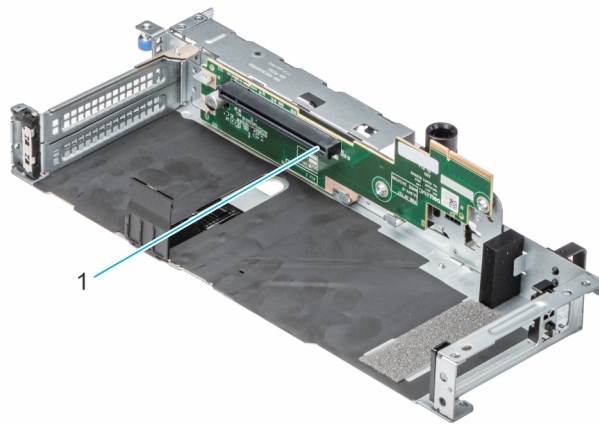


Figure 6. Riser 1A - FL

1. Slot 2

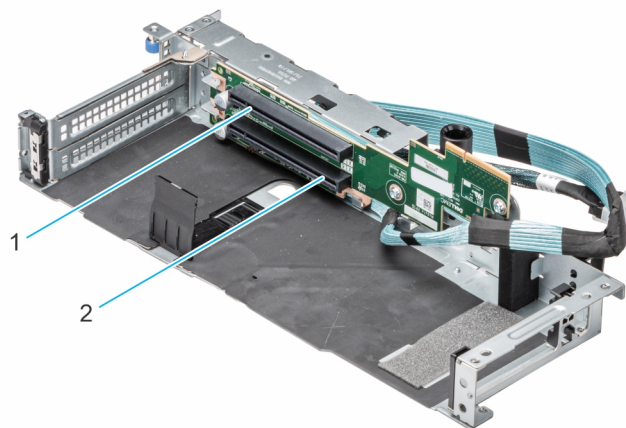


Figure 7. Riser 1C - FL

1. Slot 2
2. Slot 1

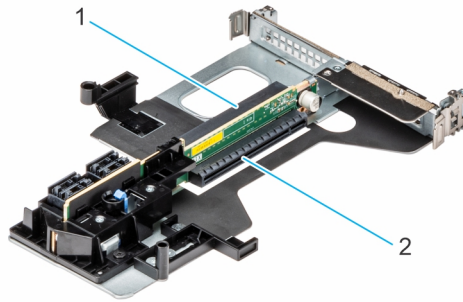


Figure 8. Riser 2A

1. Slot 3
2. Slot 6

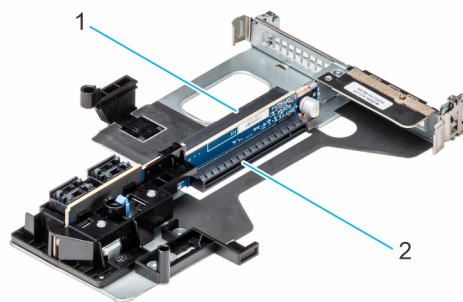


Figure 9. Riser 2B (SNAPI)

1. Slot 3
2. Slot 6

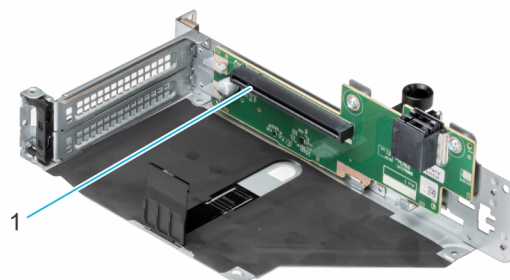


Figure 10. Riser 3A

1. Slot 5

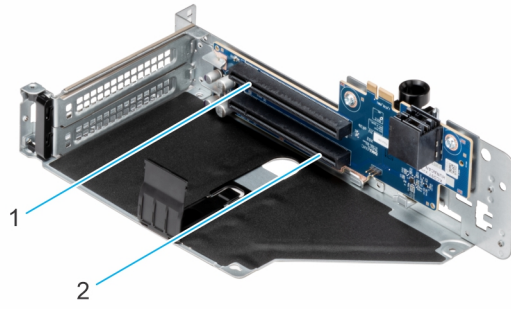


Figure 11. Riser 3B

1. Slot 5
2. Slot 4

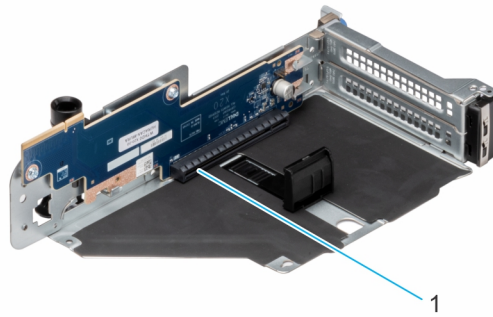


Figure 12. Riser 4A

1. Slot 7

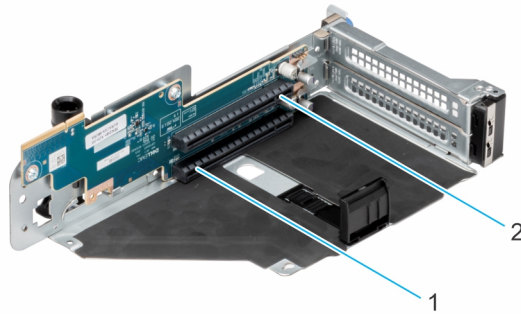


Figure 13. Riser 4B

1. Slot 7
2. Slot 8

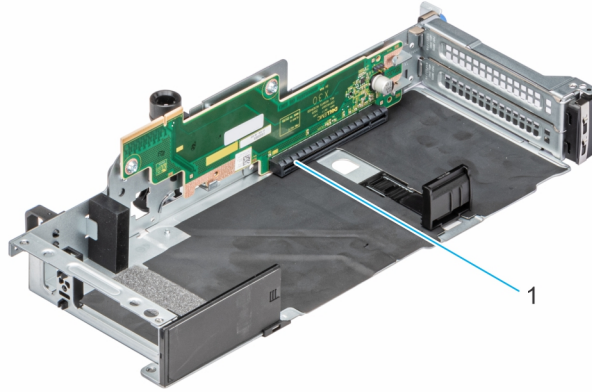


Figure 14. Riser 4A - FL

1. Slot 7

NOTE: The expansion-card slots are not hot-swappable.

The following table provides guidelines for installing expansion cards to ensure proper cooling and mechanical fit. The expansion cards with the highest priority should be installed first using the slot priority indicated. All the other expansion cards should be installed in the card priority and slot priority order.

Table 7. Expansion card riser configurations

Configurations	Expansion card risers	PCIe Slots	Controlling processor	height	Length	Slot width
Config0. with 4x FH	R1B	1 and 2	Processor 1	Full height	Half length	x8 + x8
	R4B	7 and 8	Processor 2	Full height	Half length	x8 + x8
Config1. with 6x FH and 2x LP	R1B	1 and 2	Processor 1	Full height	Half length	x8 + x8
	R2A	3 and 6	Processor 1 and 2	Low profile	Half length	x16 + x16
	R3B	4 and 5	Processor 2	Full height	Half length	x8 + x8
	R4B	7 and 8	Processor 2	Full height	Half length	x8 + x8
Config2-1. with 4x FH and 2x LP	R1A	2	Processor 1	Full height, double width	Full length	x16
	R2A	3 and 6	Processor 1 and 2	Low profile	Half length	x16 + x16
	R3B	4 and 5	Processor 2	Full height	Half length	x8 + x8
	R4A	7	Processor 2	Full height, double width	Full length	x16
Config2-2. with 4x FH and 2x LP	R1A	2	Processor 1	Full height	Half length	x16
	R2A	3 and 6	Processor 1 and 2	Low profile	Half length	x16 + x16
	R3B	4 and 5	Processor 2	Full height	Half length	x8 + x8
	R4A	7	Processor 2	Full height	Half length	x16
Config3-1. with 4x FH, 1x SNAPI LP and 1x LP	R1A	2	Processor 1	Full height, double width	Full length	x16
	R2B (SNAPI)	3 and 6	Processor 1 and 2	Low profile	Half length	(x8 + x8) + x8
	R3B	4 and 5	Processor 2	Full height	Half length	x8 + x8

Table 7. Expansion card riser configurations (continued)

Configurations	Expansion card risers	PCIe Slots	Controlling processor	height	Length	Slot width
	R4A	7	Processor 2	Full height, double width	Full length	x16
Config3-2. with 4x FH, 1x SNAPI LP and 1x LP	R1A	2	Processor 1	Full height	Half length	x16
	R2B (SNAPI)	3 and 6	Processor 1 and 2	Low profile	Half length	(x8 + x8) + x8
	R3B	4 and 5	Processor 2	Full height	Half length	x8 + x8
	R4A	7	Processor 2	Full height	Half length	x16
Config4-1. with 4x FH and 2x LP	R1B	1 and 2	Processor 1	Full height	Full length	x16 + x16
	R2A	3 and 6	Processor 1 and 2	Low profile	Half length	x16 + x16
	R3A	5	Processor 2	Full height	Half length	x16
	R4A	7	Processor 2	Full height, double width	Full length	x16
Config4-2. with 4x FH and 2x LP	R1C	1 and 2	Processor 1	Full height	Half length	x16 + x16
	R2A	3 and 6	Processor 1 and 2	Low profile	Half length	x16 + x16
	R3A	5	Processor 2	Full height	Half length	x16
	R4A	7	Processor 2	Full height	Half length	x16
Config5. with 2x FH and 2x LP	R2A	3 and 6	Processor 1 and 2	Low profile	Half length	x16 + x16
	R4B	7 and 8	Processor 2	Full height	Half length	x8 + x8
Config6. with 4x FH and 2x LP	R1B	1 and 2	Processor 1	Full height	Half length	x8 + x8
	R2A	3 and 6	Processor 1 and 2	Low profile	Half length	x16 + x16
	R4B	7 and 8	Processor 2	Full height	Half length	x8 + x8
Config7. with 2x FH, 2x LP and R1 R3 paddle cards	R2A	3 and 6	Processor 1 and 2	Low profile	Half length	x16 + x16
	R4B	7 and 8	Processor 2	Full height	Half length	x8 + x8
	R1 paddle card	N/A	N/A	N/A	N/A	N/A
	R3 paddle card	N/A	N/A	N/A	N/A	N/A
Config8. with 2x FH and 1x LP	R1B	1 and 2	Processor 1	Full height	Half length	x8 + x8
	R2A	3	Processor 1	Low profile	Half length	x16
Config9. with 1x LP	R2A	3	Processor 1	Low profile	Half length	x16

Table 8. Configuration 0: R1B + R4B

Card type	Slot priority	Maximum number of cards
Inventec (LOM)	Integrated slot	1
Inventec (FPERC 10.15)	Integrated slot	1
Foxconn (FPERC 11)	Integrated slot	2
Foxconn (FPERC HBA11)	Integrated slot	2

Table 8. Configuration 0: R1B + R4B (continued)

Card type	Slot priority	Maximum number of cards
Foxconn (APERC 10.15)	2, 1	1
Foxconn (APERC 11)	2, 1	1
Inventec (APERC 10.15)	2, 1	1
Foxconn (APERC HBA11)	2, 1	1
Emulex (HBA: FC64)	7, 2, 1	3
Mellanox (NIC: 25 Gb)	7, 2, 1	3
SolarFlare (NIC: 25 Gb)	7, 2, 1	3
Broadcom (NIC: 25 Gb)	7, 2, 1	3
Intel (NIC: 25 Gb)	7, 2, 1	3
Qlogic - Marvell (NIC: 25 Gb)	7, 2, 1	3
NVIDIA - Mellanox (SmartNIC: 25 Gb)	8, 7, 2, 1	4
Broadcom (HBA: FC32)	7, 2, 1	3
Emulex (HBA: FC32)	7, 2, 1	3
Qlogic (HBA: FC32)	7, 2, 1	3
Emulex (HBA: FC16)	7, 2, 1	3
Qlogic (HBA: FC16)	7, 2, 1	3
Broadcom (HBA: FC16)	7, 2, 1	3
Intel (NIC: 10 Gb)	7, 2, 1	3
Qlogic Marvell (NIC: 10 Gb)	7, 2, 1	3
Broadcom (NIC: 10 Gb)	7, 2, 1	3
Broadcom (NIC: 1 Gb)	7, 2, 1	3
Intel (NIC:1Gb)	7, 2, 1	3
Mellanox (OCP:25Gb)	Integrated slot	1
SolarFlare (OCP:25Gb)	Integrated slot	1
Broadcom (OCP:25Gb)	Integrated slot	1
Qlogic (OCP:25Gb)	Integrated slot	1
Intel (OCP:25Gb)	Integrated slot	1
Broadcom (OCP:10Gb)	Integrated slot	1
Intel (OCP:10Gb)	Integrated slot	1
Qlogic (OCP:10Gb)	Integrated slot	1
Broadcom (OCP:1Gb)	Integrated slot	1
Intel (OCP:1Gb)	Integrated slot	1
Foxconn (External Adapter)	7, 2, 1	3
Inventec (BOSS S1 Full height)	8, 7, 2, 1	1
Inventec (BOSS S2 Adapter)	Integrated slot	1
Inventec (BOSS 1.5)	Integrated slot	1
Samsung (PCIe SSD)	8, 7, 2, 1	4

Table 9. Configuration 1: R1B + R2A + R3B + R4B

Card type	Slot priority	Maximum number of cards
Inventec (VGA)	4, 8	1
Inventec (Serial)	4, 8	1
Inventec (LOM)	Integrated slot	1
NVIDIA (GPU A2)	5, 1, 7, 2	4
NVIDIA (GPU A2 LP)	3, 6	2
Intel (GPU ATS-M75)	5, 1, 7, 2	4
Intel (GPU ATS-M75 LP)	3, 6	2
Inventec (FPERC 10.15)	Integrated slot	2
Foxconn (FPERC11)	Integrated slot	2
Foxconn (FPERCHBA11)	Integrated slot	2
Foxconn (APERC 10.15)	2, 1	1
Foxconn (APERC11)	2, 1	1
Inventec (APERC 10.15)	2, 1	1
Foxconn (APERC HBA11)	2, 1	1
Mellanox (NIC: 200 Gb)	6, 3	2
Mellanox (NIX: 100 Gb)	6, 3	2
Broadcom (NIC: 100 Gb)	6, 3	2
Intel (NIC: 100 Gb)	6, 3	2
Emulex (HBA: FC64 LP)	3, 6	2
Emulex (HBA: FC64)	5, 2, 7, 1, 4	5
Mellanox (NIC: 25 Gb)	5, 4, 7, 2, 1	5
SolarFlare (NIC: 25 Gb)	5, 4, 7, 2, 1	5
Broadcom (NIC: 25 Gb)	5, 4, 7, 2, 1	5
Intel (NIC: 25 Gb)	5, 4, 7, 2, 1	5
Qlogic - Marvell (NIC: 25 Gb)	5, 4, 7, 2, 1	5
NVIDIA - Mellanox (SmartNIC: 25 Gb)	5, 4, 8, 7, 2, 1	6
Mellanox (NIC: 25 Gb)	6, 3	2
SolarFlare (NIC: 25 Gb)	6, 3	2
Broadcom (NIC: 25 Gb)	6, 3	2
Intel (NIC: 25 Gb)	6, 3	2
Qlogic - Marvell (NIC: 25 Gb)	6, 3	2
Emulex (HBA: FC32)	5, 4, 7, 2, 1	5
Broadcom (HBA: FC32)	5, 4, 7, 2, 1	5
Qlogic (HBA: FC32)	5, 4, 7, 2, 1	5
Emulex (HBA: FC32)	6, 3	2
Broadcom (HBA: FC32)	6, 3	2
Qlogic (HBA: FC32)	6, 3	2

Table 9. Configuration 1: R1B + R2A + R3B + R4B (continued)

Card type	Slot priority	Maximum number of cards
Emulex (HBA: FC16)	5, 4, 7, 2, 1, 6, 3	7
Qlogic (HBA: FC16)	5, 4, 7, 2, 1	5
Broadcom (HBA: FC16)	5, 4, 7, 2, 1	5
Emulex (HBA: FC16)	6, 3	2
Broadcom (HBA: FC16)	6, 3	2
Qlogic (HBA: FC16)	6, 3	2
Broadcom (NIC: 10 Gb)	5, 4, 7, 2, 1, 6, 3	7
Intel (NIC: 10 Gb)	5, 4, 7, 2, 1	5
Qlogic - Marvell (NIC: 10 Gb)	5, 4, 7, 2, 1	5
Qlogic - Marvell (NIC: 10 Gb)	6, 3	2
Intel (NIC: 10 Gb)	6, 3	2
Qlogic - Marvell (NIC: 10 Gb)	6, 3	2
Broadcom (NIC:10Gb)	6, 3	2
Broadcom (NIC: 1 Gb)	5, 4, 7, 2, 1	5
Intel (NIC: 1 Gb)	5, 4, 7, 2, 1	5
Broadcom (NIC: 1 Gb)	6, 3	2
Intel (NIC: 1 Gb)	6, 3	2
Mellanox (NIC: HDR100 VPI)	6, 3	2
Mellanox (NIC: HDR VPI)	6, 3	2
Intel (NIC: ACC100)	6, 3	2
Mellanox (OCP: 25 Gb)	Integrated slot	1
SolarFlare (OCP: 25 Gb)	Integrated slot	1
Broadcom (OCP: 25 Gb)	Integrated slot	1
QLogic (OCP: 25 Gb)	Integrated slot	1
Intel (OCP: 25 Gb)	Integrated slot	1
Broadcom (OCP: 10 Gb)	Integrated slot	1
Intel (OCP: 10 Gb)	Integrated slot	1
QLogic (OCP: 10 Gb)	Integrated slot	1
Broadcom (OCP: 1 Gb)	Integrated slot	1
Intel (OCP: 1 Gb)	Integrated slot	1
Foxconn (External Adapter)	5, 4, 7, 2, 1	5
Foxconn (External Adapter)	6, 3	2
Foxconn (External Adapter)	5, 4, 7, 2, 1, 6, 3	7
Inventec (BOSS1.5)	Integrated slot	1
Inventec (BOSS S1 Full height)	5, 4, 8, 7, 2, 1	1
Inventec (BOSS S1 Low profile)	6, 3	1
Inventec (BOSS S2 Adapter)	Integrated slot	1

Table 9. Configuration 1: R1B + R2A + R3B + R4B (continued)

Card type	Slot priority	Maximum number of cards
Samsung (PCIe SSD)	5, 4, 8, 7, 2, 1	6

Table 10. Configuration 2-1: R1A + R2A + R3B + R4A (FL)

Card type	Slot priority	Maximum number of cards
Inventec (VGA)	4	1
Inventec (Serial)	4	1
Inventec (LOM)	Integrated slot	1
Inventec (FPERC 10.15)	Integrated slot	2
Foxconn (FPERC 10.15)	Integrated slot	2
Foxconn (FPERC 11)	Integrated slot	2
Foxconn (FPERC HBA 11)	Integrated slot	2
Foxconn (APERC 10.15)	3	1
Foxconn (APERC 11)	3	1
Inventec (APERC 10.15)	3	1
Foxconn (APERC HBA 11)	3	1
NVIDIA (GPU RTX-A40)	7, 2	2
NVIDIA (GPU A30)	7, 2	2
NVIDIA (GPU M10)	7, 2	2
NVIDIA (GPU A16)	7, 2	2
NVIDIA (GPU A100)	7, 2	2
NVIDIA (GPU A800, 80 Gb, 300 W)	7, 2	2
NVIDIA (GPU H100, 80 Gb, 350 W)	7, 2	2
NVIDIA (GPU A10)	7, 2	2
Mellanox (NIC: 200 Gb)	6, 3	2
Mellanox (NIC: 200 Gb)	7, 2	2
Mellanox (NIC: 100 Gb)	7, 2	2
Broadcom (NIC: 100 Gb)	7, 2	2
Intel (NIC: 100 Gb)	7, 2	2
Mellanox (NIC: 100 Gb)	6, 3	2
Broadcom (NIC: 100 Gb)	6, 3	2
Intel (NIC: 100 Gb)	6, 3	2
Emulex (HBA: FC64 LP)	6, 3	2
Emulex (HBA: FC64)	5, 4, 7, 2	4
Mellanox (NIC: 25 Gb)	7, 2	2
Broadcom (NIC: 25 Gb)	7, 2	2
Intel (NIC: 25 Gb)	7, 2	2
SolarFlare (NIC: 25 Gb)	5, 4, 7, 2	4
Broadcom (NIC: 25 Gb)	5, 4, 7, 2	4

Table 10. Configuration 2-1: R1A + R2A + R3B + R4A (FL) (continued)

Card type	Slot priority	Maximum number of cards
Intel (NIC: 25 Gb)	5, 4, 7, 2	4
Qlogic - Marvell (NIC: 25 Gb)	5, 4, 7, 2	4
Mellanox (NIC: 25 Gb)	5, 4, 7, 2	4
Nvidia - Mellanox (SmartNIC: 25 Gb)	5, 4, 7, 2	4
Mellanox (NIC: 25 Gb)	6, 3	2
SolarFlare (NIC: 25 Gb)	6, 3	2
Broadcom (NIC: 25 Gb)	6, 3	2
Intel (NIC: 25 Gb)	6, 3	2
Qlogic - Marvell (NIC: 25 Gb)	6, 3	2
Emulex (HBA: FC32)	5, 4, 7, 2	4
Broadcom (HBA: FC32)	5, 4, 7, 2	4
Qlogic (HBA: FC32)	5, 4, 7, 2	4
Emulex (HBA: FC32)	6, 3	2
Broadcom (HBA: FC32)	6, 3	2
Qlogic (HBA: FC32)	6, 3	2
Emulex (HBA: FC16)	5, 4, 7, 2	4
Broadcom (HBA: FC16)	5, 4, 7, 2	4
Qlogic (HBA: FC16)	5, 4, 7, 2	4
Emulex (HBA: FC16)	6, 3	2
Broadcom (HBA: FC16)	6, 3	2
Qlogic (HBA: FC16)	6, 3	2
Broadcom (NIC: 10 Gb)	5, 4, 7, 2	4
Intel (NIC: 10 Gb)	5, 4, 7, 2	4
Qlogic - Marvell (NIC: 10 Gb)	5, 4, 7, 2	4
Broadcom (NIC: 10 Gb)	6, 3	2
Intel (NIC: 10 Gb)	6, 3	2
Qlogic - Marvell (NIC: 10 Gb)	6, 3	2
Broadcom (NIC: 1 Gb)	5, 4, 7, 2	4
Intel (NIC: 1 Gb)	5, 4, 7, 2	4
Broadcom (NIC: 1 Gb)	6, 3	2
Intel (NIC: 1 Gb)	6, 3	2
Mellanox (NIC: HDR100 VPI)	7, 2	2
Mellanox (NIC: HDR100 VPI)	6, 3	2
Mellanox (NIC: HDR VPI)	7, 2	2
Mellanox (NIC: HDR VPI)	6, 3	2
Intel (NIC: ACC100, FH)	7, 2	2
Intel (NIC: ACC100, LP)	6, 3	2

Table 10. Configuration 2-1: R1A + R2A + R3B + R4A (FL) (continued)

Card type	Slot priority	Maximum number of cards
Mellanox (OCP: 25 Gb)	Integrated slot	1
SolarFlare (OCP: 25 Gb)	Integrated slot	1
Broadcom (OCP: 25 Gb)	Integrated slot	1
QLogic (OCP: 25 Gb)	Integrated slot	1
Intel (OCP: 25 Gb)	Integrated slot	1
Broadcom (OCP: 10 Gb)	Integrated slot	1
Intel (OCP: 10 Gb)	Integrated slot	1
QLogic (OCP: 10 Gb)	Integrated slot	1
Broadcom (OCP: 1 Gb)	Integrated slot	1
Intel (OCP: 1 Gb)	Integrated slot	1
Foxconn (External Adapter)	5, 4, 7, 2	4
Foxconn (External Adapter)	6, 3	2
Foxconn (External Adapter)	5, 4, 7, 2, 6, 3	6
Inventec (BOSS S1 Full height)	5, 4, 7, 2	1
Inventec (BOSS S1 Low profile)	6, 3	1
Inventec (BOSS S2 Adapter)	Integrated slot	1
Samsung (PCIe SSD)	5, 4, 7, 2	4

 **NOTE:** Mellanox Bluefield2 25 Gb card supports only Nvidia Channel FW and Channel Driver, and does not support Dell FW or Driver SWB DUP updates.

Table 11. Configuration 2-2: R1A + R2A + R3B + R4A (HL)

Card type	Slot priority	Maximum number of cards
Inventec (VGA)	4	1
Inventec (Serial)	4	1
AMD (SmartNIC: 100 Gb)	2	1
AMD (SmartNIC: 25 Gb)	2	1
NVIDIA - Mellanox (SmartNIC: 25 Gb)	2	1
Inventec (MIC paired with SmartNIC)	Integrated slot	1
Inventec (LOM)	Integrated slot	1
Foxconn (FPERC 10.15)	Integrated slot	2
Foxconn (FPERC 11)	Integrated slot	2
Foxconn (FPERC HBA 11)	Integrated slot	2
Foxconn (APERC 10.15)	3	1
Foxconn (APERC 11)	3	1
Inventec (APERC 10.15)	3	1
Foxconn (APERC HBA 11)	3	1
NVIDIA (GPU A2, 16 Gb, 60 W)	7, 2	2
NVIDIA (GPU A2, 16 Gb, LP, V2)	3, 6	2

Table 11. Configuration 2-2: R1A + R2A + R3B + R4A (HL) (continued)

Card type	Slot priority	Maximum number of cards
NVIDIA (GPU A2, 16 Gb, V2)	7, 2	2
NVIDIA (GPU T4 FH)	7, 2	2
Intel (GPU ATS-M75)	5, 4, 7, 2	4
Intel (GPU ATS-M75 LP)	3, 6	2
NVIDIA (GPU T4 LP)	3, 6	2
Mellanox (NIC: 200 Gb LP)	6, 3	2
Mellanox (NIC: 200 Gb)	7, 2	2
Mellanox (NIC: 100 Gb)	7, 2	2
Broadcom (NIC: 100 Gb)	7, 2	2
Intel (NIC: 100 Gb)	7, 2	2
Mellanox (NIC: 100 Gb)	6, 3	2
Broadcom (NIC: 100 Gb)	6, 3	2
Intel (NIC: 100 Gb)	6, 3	2
Emulex (HBA: FC64 LP)	6, 3	2
Emulex (HBA: FC64)	5, 4, 7, 2	4
Mellanox (NIC: 25 Gb)	7, 2	2
Broadcom (NIC: 25 Gb)		
Intel (NIC: 25 Gb)	7, 2	2
SolarFlare (NIC: 25 Gb)	5, 4, 7, 2	4
Broadcom (NIC: 25 Gb)	5, 4, 7, 2	4
Intel (NIC: 25 Gb)	5, 4, 7, 2	4
Qlogic - Marvell (NIC: 25 Gb)	5, 4, 7, 2	4
NVIDIA - Mellanox (SmartNIC: 25 Gb)	5, 4, 7, 2	4
Mellanox (NIC: 25 Gb)	6, 3	2
SolarFlare (NIC: 25 Gb)	6, 3	2
Broadcom (NIC: 25 Gb)	6, 3	2
Intel (NIC: 25 Gb)	6, 3	2
Qlogic - Marvell (NIC: 25 Gb)	6, 3	2
Emulex (HBA: FC32)	5, 4, 7, 2	4
Broadcom (HBA: FC32)	5, 4, 7, 2	4
Qlogic (HBA: FC32)	5, 4, 7, 2	4
Emulex (HBA: FC32)	6, 3	2
Broadcom (HBA: FC32)	6, 3	2
Qlogic (HBA: FC32)	6, 3	2
Emulex (HBA: FC16)	5, 4, 7, 2	4
Broadcom (HBA: FC16)	5, 4, 7, 2	4
Qlogic (HBA: FC16)	5, 4, 7, 2	4

Table 11. Configuration 2-2: R1A + R2A + R3B + R4A (HL) (continued)

Card type	Slot priority	Maximum number of cards
Emulex (HBA: FC16)	6, 3	2
Broadcom (HBA: FC16)	6, 3	2
Qlogic (HBA: FC16)	6, 3	2
Broadcom (NIC: 10 Gb)	5, 4, 7, 2	4
Intel (NIC: 10 Gb)	5, 4, 7, 2	4
Qlogic - Marvell (NIC: 10 Gb)	5, 4, 7, 2	4
Broadcom (NIC: 10 Gb)	6, 3	2
Intel (NIC: 10 Gb)	6, 3	2
Qlogic - Marvell (NIC: 10 Gb)	6, 3	2
Broadcom (NIC: 1 Gb)	5, 4, 7, 2	4
Intel (NIC: 1 Gb)	5, 4, 7, 2	4
Broadcom (NIC: 1 Gb)	6, 3	2
Intel (NIC: 1 Gb)	6, 3	2
Mellanox (NIC: HDR100 VPI)	7, 2	2
Mellanox (NIC: HDR100 VPI)	6, 3	2
Mellanox (NIC: HDR VPI)	7, 2	2
Mellanox (NIC: HDR VPI)	6, 3	2
Intel (NIC: ACC100, FH)	7, 2	2
Intel (NIC: ACC100, LP)	6, 3	2
Mellanox (OCP: 25 Gb)	Integrated slot	1
SolarFlare (OCP: 25 Gb)	Integrated slot	1
Broadcom (OCP: 25 Gb)	Integrated slot	1
QLogic (OCP: 25 Gb)	Integrated slot	1
Intel (OCP: 25 Gb)	Integrated slot	1
Broadcom (OCP: 10 Gb)	Integrated slot	1
Intel (OCP: 10 Gb)	Integrated slot	1
Qlogic (OCP: 10 Gb)	Integrated slot	1
Broadcom (OCP: 1 Gb)	Integrated slot	1
Intel (OCP: 1 Gb)	Integrated slot	1
Foxconn (External Adapter)	5, 4, 7, 2	4
Foxconn (External Adapter)	6, 3	2
Foxconn (External Adapter)	5, 4, 7, 2, 6, 3	6
Inventec (BOSS S1 Full height)	5, 4, 7, 2	1
Inventec (BOSS S1 Low profile)	6, 3	1
Inventec (BOSS S2 Adapter)	Integrated slot	1
Samsung (PCIe SSD)	5, 4, 7, 2	4

NOTE: Mellanox Bluefield2 25 Gb card supports only Nvidia Channel FW and Channel Driver, and does not support Dell FW or Driver SWB DUP updates.

Table 12. Configuration 3-1: R1A + R2B + R3B + R4A (FL)

Card type	Slot priority	Maximum number of cards
Inventec (VGA)	4	1
Inventec (Serial)	4	1
Inventec (LOM)	Integrated Slot	1
NVIDIA (GPU RTX-A40)	7, 2	2
NVIDIA (GPU A30)	7, 2	2
NVIDIA (GPU M10)	7, 2	2
NVIDIA (GPU A16)	7, 2	2
NVIDIA (GPU A100)	7, 2	2
NVIDIA (GPU A800, 80 Gb, 300 W)	7, 2	2
NVIDIA (GPU H100, 80 Gb, 350 W)	7, 2	2
NVIDIA (GPU A10)	7, 2	2
Foxconn (FPERC 10.15)	Integrated slot	2
Foxconn (FPERC 11)	Integrated slot	2
Foxconn (FPERC HBA 11)	Integrated slot	2
Mellanox (NIC: 200 Gb)	3	1
Mellanox (NIC: 200 Gb)	7, 2	2
Mellanox (NIC: 100 Gb)	7, 2	2
Broadcom (NIC: 100 Gb)	7, 2	2
Intel (NIC: 100 Gb)	7, 2	2
Emulex (HBA: FC64)	6	1
Emulex (HBA: FC64)	5, 4, 7, 2	4
Mellanox (NIC: 25 Gb)	7, 2	2
Broadcom (NIC: 25 Gb)	7, 2	2
Intel (NIC: 25 Gb)	7, 2	2
SolarFlare (NIC: 25 Gb)	5, 4, 7, 2	4
Broadcom (NIC: 25 Gb)	5, 4, 7, 2	4
Intel (NIC: 25 Gb)	5, 4, 7, 2	4
Qlogic - Marvell (NIC: 25 Gb)	5, 4, 7, 2	4
Mellanox (NIC: 25 Gb)	5, 4, 7, 2	4
NVIDIA - Mellanox (SmartNIC: 25 Gb)	5, 4, 7, 2	4
Mellanox (NIC: 25 Gb)	6	1
SolarFlare (NIC: 25 Gb)	6	1
Broadcom (NIC: 25 Gb)	6	1
Intel (NIC: 25 Gb)	6	1
Qlogic - Marvell (NIC: 25 Gb)	6	1

Table 12. Configuration 3-1: R1A + R2B + R3B + R4A (FL) (continued)

Card type	Slot priority	Maximum number of cards
Emulex (HBA: FC32)	5, 4, 7, 2	4
Broadcom (HBA: FC32)	5, 4, 7, 2	4
Qlogic (HBA: FC32)	5, 4, 7, 2	4
Emulex (HBA: FC32)	6	1
Broadcom (HBA: FC32)	6	1
Qlogic (HBA: FC32)	6	1
Emulex (HBA: FC16)	5, 4, 7, 2, 6	5
Broadcom (HBA: FC16)	5, 4, 7, 2	4
Qlogic (HBA: FC16)	5, 4, 7, 2	4
Emulex (HBA: FC16)	6	1
Broadcom (HBA: FC16)	6	1
Qlogic (HBA: FC16)	6	1
Broadcom (NIC: 10 Gb)	5, 4, 7, 2, 6	5
Intel (NIC: 10 Gb)	5, 4, 7, 2	4
Qlogic - Marvell (NIC: 10 Gb)	5, 4, 7, 2	4
Broadcom (NIC: 10 Gb)	6	1
Intel (NIC: 10 Gb)	6	1
Qlogic - Marvell (NIC: 10 Gb)	6	1
Broadcom (NIC: 1 Gb)	5, 4, 7, 2	4
Intel (NIC: 1 Gb)	5, 4, 7, 2	4
Broadcom (NIC: 1 Gb)	6	1
Intel (NIC: 1 Gb)	6	1
Mellanox (NIC: HDR100 VPI)	7, 2	2
Mellanox (NIC: HDR100 VPI)	3	1
Mellanox (NIC: HDR VPI)	7, 2	2
Mellanox (NIC: HDR VPI)	3	1
Intel (NIC: ACC100)	7, 2	2
Mellanox (OCP: 25 Gb)	Integrated slot	1
SolarFlare (OCP: 25 Gb)	Integrated slot	1
Broadcom (OCP: 25 Gb)	Integrated slot	1
QLogic (OCP: 25 Gb)	Integrated slot	1
Intel (OCP: 25 Gb)	Integrated slot	1
Broadcom (OCP: 10 Gb)	Integrated slot	1
Intel (OCP: 10 Gb)	Integrated slot	1
Qlogic (OCP: 10 Gb)	Integrated slot	1
Broadcom (OCP: 1 Gb)	Integrated slot	1
Intel (OCP: 1 Gb)	Integrated slot	1

Table 12. Configuration 3-1: R1A + R2B + R3B + R4A (FL) (continued)

Card type	Slot priority	Maximum number of cards
Foxconn (External Adapter)	5, 4, 7, 2	4
Foxconn (External Adapter)	6	1
Foxconn (External Adapter)	5, 4, 7, 2, 6	5
Inventec (BOSS S1 Full height)	5, 4, 7, 2	4
Inventec (BOSS S1 Low profile)	6	1
Inventec (BOSS S2 Adapter)	Integrated slot	1
Samsung (PCIe SSD)	5, 4, 7, 2	4

Table 13. Configuration 3-2: R1A + R2B + R3B + R4A (HL)

Card type	Slot priority	Maximum number of cards
Inventec (VGA)	4	1
Inventec (Serial)	4	1
Inventec (LOM)	Integrated Slot	1
NVIDIA (GPU A2, 16 Gb, 60 W)	7, 2	2
NVIDIA (GPU A2, 16 Gb, V2)	7, 2	2
NVIDIA (GPU T4 FH)	7, 2	2
Intel (GPU ATS-M, 12 Gb, 75 W)	7, 2	2
Inventec (FPERC 10.15)	Integrated slot	2
Foxconn (FPERC 10.15)	Integrated slot	2
Foxconn (FPERC 11)	Integrated slot	2
Foxconn (FPERC HBA 11)	Integrated slot	2
Mellanox (NIC: 200 Gb, LP)	3	1
Mellanox (NIC: 200 Gb, FH)	7, 2	2
Mellanox (NIC: 100 Gb)	7, 2	2
Broadcom (NIC: 100 Gb)	7, 2	2
Intel (NIC: 100 Gb)	7, 2	2
Emulex (HBA: FC64)	6	1
Emulex (HBA: FC64)	5, 4, 7, 2	4
Mellanox (NIC: 25 Gb)	7, 2	2
Broadcom (NIC: 25 Gb)	7, 2	2
Intel (NIC: 25 Gb)	7, 2	2
SolarFlare (NIC: 25 Gb)	5, 4, 7, 2	4
Broadcom (NIC: 25 Gb)	5, 4, 7, 2	4
Intel (NIC: 25 Gb)	5, 4, 7, 2	4
Qlogic - Marvell (NIC: 25 Gb)	5, 4, 7, 2	4
Mellanox (NIC: 25 Gb)	5, 4, 7, 2	4
NVIDIA - Mellanox (SmartNIC: 25 Gb)	5, 4, 7, 2	4
Mellanox (NIC: 25 Gb)	6	1

Table 13. Configuration 3-2: R1A + R2B + R3B + R4A (HL) (continued)

Card type	Slot priority	Maximum number of cards
SolarFlare (NIC: 25 Gb)	6	1
Broadcom (NIC: 25 Gb)	6	1
Intel (NIC: 25 Gb)	6	1
Qlogic - Marvell (NIC: 25 Gb)	6	1
Emulex (HBA: FC32)	5, 4, 7, 2	4
Broadcom (HBA: FC32)	5, 4, 7, 2	4
Qlogic (HBA: FC32)	5, 4, 7, 2	4
Emulex (HBA: FC32)	6	1
Broadcom (HBA: FC32)	6,	1
Qlogic (HBA: FC32)	6	1
Emulex (HBA: FC16)	5, 4, 7, 2	4
Broadcom (HBA: FC16)	5, 4, 7, 2	4
Qlogic (HBA: FC16)	5, 4, 7, 2	4
Emulex (HBA: FC16)	6	1
Broadcom (HBA: FC16)	6	1
Qlogic (HBA: FC16)	6	1
Broadcom (NIC: 10 Gb)	5, 4, 7, 2	4
Intel (NIC: 10 Gb)	5, 4, 7, 2	4
Qlogic - Marvell (NIC: 10 Gb)	5, 4, 7, 2	4
Broadcom (NIC:10Gb)	6	1
Qlogic - Marvell (NIC: 10 Gb)	6	1
Intel (NIC: 10 Gb)	6	1
Broadcom (NIC: 1 Gb)	5, 4, 7, 2	4
Intel (NIC: 1 Gb)	5, 4, 7, 2	4
Broadcom (NIC: 1 Gb)	6	1
Intel (NIC: 1 Gb)	6	1
Mellanox (NIC: HDR100 VPI)	7, 2	2
Mellanox (NIC: HDR100 VPI)	3	1
Mellanox (NIC: HDR VPI)	7, 2	2
Mellanox (NIC: HDR VPI)	3	1
Intel (NIC: ACC100)	7, 2	2
Mellanox (OCP: 25 Gb)	Integrated slot	1
SolarFlare (OCP: 25 Gb)	Integrated slot	1
Broadcom (OCP: 25 Gb)	Integrated slot	1
QLogic (OCP: 25 Gb)	Integrated slot	1
Intel (OCP: 25 Gb)	Integrated slot	1
Broadcom (OCP: 10 Gb)	Integrated slot	1

Table 13. Configuration 3-2: R1A + R2B + R3B + R4A (HL) (continued)

Card type	Slot priority	Maximum number of cards
Intel (OCP: 10 Gb)	Integrated slot	1
QLogic (OCP: 10 Gb)	Integrated slot	1
Broadcom (OCP: 1 Gb)	Integrated slot	1
Intel (OCP: 1 Gb)	Integrated slot	1
Foxconn (External Adapter)	5, 4, 7, 2	4
Foxconn (External Adapter)	6	1
Foxconn (External Adapter)	5, 4, 7, 2, 6	5
Inventec (BOSS S1 Full height)	5, 4, 7, 2	1
Inventec (BOSS S1 Low profile)	6	1
Inventec (BOSS S2 Adapter)	Integrated slot	1
Samsung (PCIe SSD)	5, 4, 7, 2	4

Table 14. Configuration 4-1: R1C + R2A + R3A + R4A (FL)

Card type	Slot priority	Maximum number of cards
Inventec (VGA)	4	1
Inventec (Serial)	4	1
Inventec (LOM)	Integrated Slot	1
NVIDIA (GPU A10, 24 Gb, 150 W)	7, 2, 1	3
NVIDIA (GPU A10, 24 Gb, V2)	7, 2, 1	3
Inventec (FPERC 10.15)	Integrated slot	2
Foxconn (FPERC 10.15)	Integrated slot	2
Foxconn (FPERC 11)	Integrated slot	2
Foxconn (FPERC HBA 11)	Integrated slot	2
Mellanox (NIC: 200 Gb, LP)	6, 3	2
Mellanox (NIC: 200 Gb, FH)	5, 7, 2, 1	4
Mellanox (NIC: 100 Gb)	5, 7, 2, 1	4
Broadcom (NIC: 100 Gb)	5, 7, 2, 1	4
Intel (NIC: 100 Gb)	5, 7, 2, 1	4
Mellanox (NIC: 100 Gb)	6, 3	2
Broadcom (NIC: 100 Gb)	6, 3	2
Intel (NIC: 100 Gb)	6, 3	2
Emulex (HBA: FC64 LP)	6, 3	2
Emulex (HBA: FC64)	5, 7, 2, 1	4
Mellanox (NIC: 25 Gb)	5, 7, 2, 1	4
SolarFlare (NIC: 25 Gb)	5, 7, 2, 1	4
Broadcom (NIC: 25 Gb)	5, 7, 2, 1	4
Intel (NIC: 25 Gb)	5, 7, 2, 1	4
Qlogic - Marvell (NIC: 25 Gb)	5, 7, 2, 1	4

Table 14. Configuration 4-1: R1C + R2A + R3A + R4A (FL) (continued)

Card type	Slot priority	Maximum number of cards
Mellanox (NIC: 25 Gb)	5, 7, 2, 1	4
NVIDIA - Mellanox (SmartNIC: 25 Gb)	5, 7, 2, 1	4
Mellanox (NIC: 25 Gb)	6, 3	2
SolarFlare (NIC: 25 Gb)	6, 3	2
Broadcom (NIC: 25 Gb)	6, 3	2
Intel (NIC: 25 Gb)	6, 3	2
Qlogic - Marvell (NIC: 25 Gb)	6, 3	2
Emulex (HBA: FC32)	5, 7, 2, 1	4
Broadcom (HBA: FC32)	5, 7, 2, 1	4
Qlogic (HBA: FC32)	5, 7, 2, 1	4
Emulex (HBA: FC32)	6, 3	2
Broadcom (HBA: FC32)	6, 3	2
Qlogic (HBA: FC32)	6, 3	2
Emulex (HBA: FC16)	5, 7, 2, 1	4
Broadcom (HBA: FC16)	5, 7, 2, 1	4
Qlogic (HBA: FC16)	5, 7, 2, 1	4
Emulex (HBA: FC16)	6, 3	2
Broadcom (HBA: FC16)	6, 3	2
Qlogic (HBA: FC16)	6, 3	2
Broadcom (NIC: 10 Gb)	5, 7, 2, 1	4
Intel (NIC: 10 Gb)	5, 7, 2, 1	4
Qlogic - Marvell (NIC: 10 Gb)	5, 7, 2, 1	4
Broadcom (NIC: 10 Gb)	6, 3	2
Intel (NIC: 10 Gb)	6, 3	2
Qlogic - Marvell (NIC: 10 Gb)	6, 3	2
Broadcom (NIC: 1 Gb)	5, 7, 2, 1	4
Intel (NIC: 1 Gb)	5, 7, 2, 1	4
Broadcom (NIC: 1 Gb)	6, 3	2
Intel (NIC: 1 Gb)	6, 3	2
Mellanox (NIC: HDR100 VPI)	5, 7, 2, 1	4
Mellanox (NIC: HDR100 VPI)	6, 3	2
Mellanox (NIC: HDR VPI)	5, 7, 2, 1	4
Mellanox (NIC: HDR VPI)	6, 3	2
Intel (NIC: ACC100, FH)	5, 7, 2, 1	4
Intel (NIC: ACC100, LP)	6, 3	2
Mellanox (OCP: 25 Gb)	Integrated slot	1
SolarFlare (OCP: 25 Gb)	Integrated slot	1

Table 14. Configuration 4-1: R1C + R2A + R3A + R4A (FL) (continued)

Card type	Slot priority	Maximum number of cards
Broadcom (OCP: 25 Gb)	Integrated slot	1
QLogic (OCP: 25 Gb)	Integrated slot	1
Intel (OCP: 25 Gb)	Integrated slot	1
Broadcom (OCP: 10 Gb)	Integrated slot	1
Intel (OCP: 10 Gb)	Integrated slot	1
QLogic (OCP: 10 Gb)	Integrated slot	1
Broadcom (OCP: 1 Gb)	Integrated slot	1
Intel (OCP: 1 Gb)	Integrated slot	1
Foxconn (External Adapter)	5, 7, 2, 1	4
Foxconn (External Adapter)	6, 3	2
Foxconn (External Adapter)	5, 7, 2, 1, 6, 3	6
Inventec (BOSS S1 Full height)	5, 7, 2, 1	1
Inventec (BOSS S1 Low profile)	6, 3	1
Inventec (BOSS S2 Adapter)	Integrated slot	1
Samsung (PCIe SSD)	5, 7, 2, 1	4

Table 15. Configuration 4-2: R1C + R2A + R3A + R4A (HL)

Card type	Slot priority	Maximum number of cards
Inventec (VGA)	4	1
Inventec (Serial)	4	1
Inventec (LOM)	Integrated slot	1
NVIDIA (GPU T4 FH)	7, 1, 2, 5	4
NVIDIA (GPU T4 LP)	3, 6	2
NVIDIA (GPU A2, 16 Gb, 60 W)	5, 1, 7, 2	4
NVIDIA (GPU A2, 16 Gb, LP, V2)	3, 6	2
NVIDIA (GPU A2, 16 Gb, V2)	5, 1, 7, 2	4
Intel (GPU ATS-M, 12 Gb, 75 W)	5, 1, 7, 2	4
Intel (GPU ATS-M, 12 Gb, 75 W, LP)	3, 6	2
Inventec (FPERC 10.15)	Integrated slot	2
Foxconn (FPERC 10.15)	Integrated slot	2
Foxconn (FPERC 11)	Integrated slot	2
Foxconn (FPERC HBA 11)	Integrated slot	2
Mellanox (NIC: 200 Gb, LP)	6, 3	2
Mellanox (NIC: 200 Gb, FH)	5, 7, 2, 1	4
Mellanox (NIC: 100 Gb)	5, 7, 2, 1	4
Broadcom (NIC: 100 Gb)	5, 7, 2, 1	4
Intel (NIC: 100 Gb)	5, 7, 2, 1	4
Mellanox (NIC: 100 Gb)	6, 3	2

Table 15. Configuration 4-2: R1C + R2A + R3A + R4A (HL) (continued)

Card type	Slot priority	Maximum number of cards
Broadcom (NIC: 100 Gb)	6, 3	2
Intel (NIC: 100 Gb)	6, 3	2
Emulex (HBA: FC64 LP)	6, 3	2
Emulex (HBA: FC64)	5, 7, 2, 1	4
Mellanox (NIC: 25 Gb)	5, 7, 2, 1	4
SolarFlare (NIC: 25 Gb)	5, 7, 2, 1	4
Broadcom (NIC: 25 Gb)	5, 7, 2, 1	4
Intel (NIC: 25 Gb)	5, 7, 2, 1	4
Qlogic - Marvell (NIC: 25 Gb)	5, 7, 2, 1	4
NVIDIA - Mellanox (SmartNIC: 25 Gb)	5, 7, 2, 1	4
Mellanox (NIC: 25 Gb)	6, 3	2
SolarFlare (NIC: 25 Gb)	6, 3	2
Broadcom (NIC: 25 Gb)	6, 3	2
Intel (NIC: 25 Gb)	6, 3	2
Qlogic - Marvell (NIC: 25 Gb)	6, 3	2
Emulex (HBA: FC32)	5, 7, 2, 1	4
Broadcom (HBA: FC32)	5, 7, 2, 1	4
Qlogic (HBA: FC32)	5, 7, 2, 1	4
Emulex (HBA: FC32)	6, 3	2
Broadcom (HBA: FC32)	6, 3	2
Qlogic (HBA: FC32)	6, 3	2
Emulex (HBA: FC16)	5, 7, 2, 1, 6, 3	6
Broadcom (HBA: FC16)	5, 7, 2, 1	4
Qlogic (HBA: FC16)	5, 7, 2, 1	4
Emulex (HBA: FC16)	6, 3	2
Broadcom (HBA: FC16)	6, 3	2
Qlogic (HBA: FC16)	6, 3	2
Broadcom (NIC: 10 Gb)	5, 7, 2, 1, 6, 3	6
Intel (NIC: 10 Gb)	5, 7, 2, 1	4
Qlogic - Marvell (NIC: 10 Gb)	5, 7, 2, 1	4
Broadcom (NIC: 10 Gb)	6, 3	2
Intel (NIC: 10 Gb)	6, 3	2
Qlogic - Marvell (NIC: 10 Gb)	6, 3	2
Broadcom (NIC: 1 Gb)	5, 7, 2, 1	4
Intel (NIC: 1 Gb)	5, 7, 2, 1	4
Broadcom (NIC: 1 Gb)	6, 3	2
Intel (NIC: 1 Gb)	6, 3	2

Table 15. Configuration 4-2: R1C + R2A + R3A + R4A (HL) (continued)

Card type	Slot priority	Maximum number of cards
Mellanox (NIC: HDR100 VPI)	5, 7, 2, 1	4
Mellanox (NIC: HDR100 VPI)	6, 3	2
Mellanox (NIC: HDR VPI)	5, 7, 2, 1	4
Mellanox (NIC: HDR VPI)	6, 3	2
Intel (NIC: ACC100, LP)	6, 3	2
Intel (NIC: ACC100, FH)	5, 7, 2, 1	4
Mellanox (OCP: 25 Gb)	Integrated slot	1
SolarFlare (OCP: 25 Gb)	Integrated slot	1
Broadcom (OCP: 25 Gb)	Integrated slot	1
Qlogic (OCP: 25 Gb)	Integrated slot	1
Intel (OCP: 25 Gb)	Integrated slot	1
Broadcom (OCP: 10 Gb)	Integrated slot	1
Intel (OCP: 10 Gb)	Integrated slot	1
QLogic (OCP: 10 Gb)	Integrated slot	1
Broadcom (OCP: 1 Gb)	Integrated slot	1
Intel (OCP: 1 Gb)	Integrated slot	1
Foxconn (External Adapter)	5, 7, 2, 1	4
Foxconn (External Adapter)	6, 3	2
Foxconn (External Adapter)	5, 7, 2, 1, 6, 3	6
Inventec (BOSS S1 Full height)	5, 7, 2, 1	1
Inventec (BOSS S1 Low profile)	6, 3	1
Inventec (BOSS S2 Adapter)	Integrated slot	1
Samsung (PCIe SSD)	5, 7, 2, 1	4

Table 16. Configuration 5: R2A + R4A

Card type	Slot priority	Maximum number of cards
Inventec (Serial)	8	1
Inventec (LOM)	Integrated slot	1
Inventec (FPERC 10.15)	Integrated slot	1
Foxconn (FPERC 10.15)	Integrated slot	1
Foxconn (FPERC 11)	Integrated slot	1
Foxconn (FPERC HBA 11)	Integrated slot	1
Foxconn (APERC 10.15)	3	1
Foxconn (APERC 11)	3	1
Inventec (APERC 10.15)	3	1
Foxconn (APERC HBA 11)	3	1
Mellanox (NIC: 200 Gb, LP)	6, 3	2
Mellanox (NIC: 100 Gb)	6, 3	2

Table 16. Configuration 5: R2A + R4A (continued)

Card type	Slot priority	Maximum number of cards
Broadcom (NIC: 100 Gb)	6, 3	2
Intel (NIC: 100 Gb)	6, 3	2
Emulex (HBA: FC64 LP)	6, 3	2
Emulex (HBA: FC64)	7	1
SolarFlare (NIC: 25 Gb)	7	1
Broadcom (NIC: 25 Gb)	7	1
Intel (NIC: 25 Gb)	7	1
Qlogic - Marvell (NIC: 25 Gb)	7	1
Mellanox (NIC: 25 Gb)	7	1
NVIDIA - Mellanox (SmartNIC: 25 Gb)	8, 7	2
Mellanox (NIC: 25 Gb)	6, 3	2
SolarFlare (NIC: 25 Gb)	6, 3	2
Broadcom (NIC: 25 Gb)	6, 3	2
Intel (NIC: 25 Gb)	6, 3	2
Qlogic - Marvell (NIC: 25 Gb)	6, 3	2
Emulex (HBA: FC32)	7	1
Broadcom (HBA: FC32)	7	1
Qlogic (HBA: FC32)	7	1
Emulex (HBA: FC32)	6, 3	2
Broadcom (HBA: FC32)	6, 3	2
Qlogic (HBA: FC32)	6, 3	2
Emulex (HBA: FC16)	7	1
Broadcom (HBA: FC16)	7	1
Qlogic (HBA: FC16)	7	1
Emulex (HBA: FC16)	6, 3	2
Broadcom (HBA: FC16)	6, 3	2
Qlogic (HBA: FC16)	6, 3	2
Broadcom (NIC: 10 Gb)	7	1
Intel (NIC: 10 Gb)	7	1
Qlogic - Marvell (NIC: 10 Gb)	7	1
Broadcom (NIC: 10 Gb)	6, 3	2
Intel (NIC: 10 Gb)	6, 3	2
Qlogic - Marvell (NIC: 10 Gb)	6, 3	2
Broadcom (NIC: 1 Gb)	7	1
Intel (NIC: 1 Gb)	7	1
Broadcom (NIC: 1 Gb)	6, 3	2
Intel (NIC: 1 Gb)	6, 3	2

Table 16. Configuration 5: R2A + R4A (continued)

Card type	Slot priority	Maximum number of cards
Mellanox (NIC: HDR100 VPI)	6, 3	2
Mellanox (NIC: HDR VPI)	6, 3	2
Intel (NIC: ACC100 LP)	6, 3	2
Mellanox (OCP: 25 Gb)	Integrated slot	1
SolarFlare (OCP: 25 Gb)	Integrated slot	1
Broadcom (OCP: 25 Gb)	Integrated slot	1
QLogic (OCP: 25 Gb)	Integrated slot	1
Intel (OCP: 25 Gb)	Integrated slot	1
Broadcom (OCP: 10 Gb)	Integrated slot	1
Intel (OCP: 10 Gb)	Integrated slot	1
Qlogic (OCP: 10 Gb)	Integrated slot	1
Broadcom (OCP: 1 Gb)	Integrated slot	1
Intel (OCP: 1 Gb)	Integrated slot	1
Foxconn (External Adapter)	7	1
Foxconn (External Adapter)	6, 3	2
Foxconn (External Adapter)	6, 3, 7	3
Inventec (BOSS S1 Full height)	8, 7	1
Inventec (BOSS S1 Low profile)	6, 3	1
Inventec (BOSS S2 Adapter)	Integrated slot	1
Samsung (PCIe SSD)	8, 7	2

Table 17. Configuration 6: R1B + R2A + R4B

Card type	Slot priority	Maximum number of cards
Inventec (Serial)	8	1
Inventec (LOM)	Integrated slot	1
Inventec (FPERC 10.15)	Integrated slot	1
Foxconn (FPERC 10.15)	Integrated slot	1
Foxconn (FPERC 11)	Integrated slot	1
Foxconn (FPERC HBA 11)	Integrated slot	1
Foxconn (APERC 10.15)	2, 1	1
Foxconn (APERC 11)	2, 1	1
Inventec (APERC 10.15)	2, 1	1
Foxconn (APERC HBA 11)	2, 1	1
Mellanox (NIC: 200 Gb, LP)	6, 3	2
Mellanox (NIC: 100 Gb)	6, 3	2
Broadcom (NIC: 100 Gb)	6, 3	2
Intel (NIC: 100 Gb)	6, 3	2
Emulex (HBA: FC64 LP)	6, 3	2

Table 17. Configuration 6: R1B + R2A + R4B (continued)

Card type	Slot priority	Maximum number of cards
Emulex (HBA: FC64)	7, 2, 1	3
SolarFlare (NIC: 25 Gb)	7, 2, 1	3
Broadcom (NIC: 25 Gb)	7, 2, 1	3
Intel (NIC: 25 Gb)	7, 2, 1	3
Qlogic - Marvell (NIC: 25 Gb)	7, 2, 1	3
Mellanox (NIC: 25 Gb)	7, 2, 1	3
NVIDIA - Mellanox (SmartNIC: 25 Gb)	8, 7, 2, 1	4
Mellanox (NIC: 25 Gb)	6, 3	2
SolarFlare (NIC: 25 Gb)	6, 3	2
Broadcom (NIC: 25 Gb)	6, 3	2
Intel (NIC: 25 Gb)	6, 3	2
Qlogic - Marvell (NIC: 25 Gb)	6, 3	2
Emulex (HBA: FC32)	7, 2, 1	3
Broadcom (HBA: FC32)	7, 2, 1	3
Qlogic (HBA: FC32)	7, 2, 1	3
Emulex (HBA: FC32)	6, 3	2
Broadcom (HBA: FC32)	6, 3	2
Qlogic (HBA: FC32)	6, 3	2
Emulex (HBA: FC16)	7, 2, 1	3
Broadcom (HBA: FC16)	7, 2, 1	3
Qlogic (HBA: FC16)	7, 2, 1	3
Emulex (HBA: FC16)	6, 3	2
Broadcom (HBA: FC16)	6, 3	2
Qlogic (HBA: FC16)	6, 3	2
Broadcom (NIC: 10 Gb)	7, 2, 1	3
Intel (NIC: 10 Gb)	7, 2, 1	3
Qlogic - Marvell (NIC: 10 Gb)	7, 2, 1	3
Qlogic - Marvell (NIC: 10 Gb)	6, 3	2
Broadcom (NIC: 10 Gb)	6, 3	2
Intel (NIC: 10 Gb)	6, 3	2
Broadcom (NIC: 1 Gb)	7, 2, 1	3
Intel (NIC: 1 Gb)	7, 2, 1	3
Broadcom (NIC: 1 Gb)	6, 3	2
Intel (NIC: 1 Gb)	6, 3	2
Mellanox (NIC: HDR100 VPI)	6, 3	2
Mellanox (NIC: HDR VPI)	6, 3	2
Intel (NIC: ACC100, LP)	6, 3	2

Table 17. Configuration 6: R1B + R2A + R4B (continued)

Card type	Slot priority	Maximum number of cards
Mellanox (OCP: 25 Gb)	Integrated slot	1
SolarFlare (OCP: 25 Gb)	Integrated slot	1
Broadcom (OCP: 25 Gb)	Integrated slot	1
Qlogic (OCP: 25 Gb)	Integrated slot	1
Intel (OCP: 25 Gb)	Integrated slot	1
Broadcom (OCP: 10 Gb)	Integrated slot	1
Intel (OCP: 10 Gb)	Integrated slot	1
QLogic (OCP: 10 Gb)	Integrated slot	1
Broadcom (OCP: 1 Gb)	Integrated slot	1
Intel (OCP: 1 Gb)	Integrated slot	1
Foxconn (External Adapter)	7, 2, 1	3
Foxconn (External Adapter)	6, 3	2
Foxconn (External Adapter)	7, 2, 1, 6, 3	5
Inventec (BOSS S1 Full height)	8, 7, 2, 1	1
Inventec (BOSS S1 Low profile)	6, 3	1
Inventec (BOSS S2 Adapter)	Integrated slot	1
Samsung (PCIe SSD)	8, 7, 2, 1	4

Table 18. Configuration 7: R2A + R4B with R1 and R3 paddle cards

Card type	Slot priority	Maximum number of cards
Inventec (LOM)	Integrated slot	1
Mellanox (NIC:200Gb, LP)	6, 3	2
Mellanox (NIC: 100 Gb)	6, 3	2
Broadcom (NIC: 100 Gb)	6, 3	2
Intel (NIC: 100 Gb)	6, 3	2
Emulex (HBA: FC64 LP)	6, 3	2
Emulex (HBA: FC64)	7	1
SolarFlare (NIC: 25 Gb)	7	1
Broadcom (NIC: 25 Gb)	7	1
Intel (NIC: 25 Gb)	7	1
Qlogic - Marvell (NIC: 25 Gb)	7	1
Mellanox (NIC: 25 Gb)	7	1
NVIDIA - Mellanox (SmartNIC: 25 Gb)	8, 7	2
Mellanox (NIC: 25 Gb)	6, 3	2
SolarFlare (NIC: 25 Gb)	6, 3	2
Broadcom (NIC: 25 Gb)	6, 3	2
Intel (NIC: 25 Gb)	6, 3	2
Qlogic - Marvell (NIC: 25 Gb)	6, 3	2

Table 18. Configuration 7: R2A + R4B with R1 and R3 paddle cards (continued)

Card type	Slot priority	Maximum number of cards
Emulex (HBA: FC32)	7	1
Broadcom (HBA: FC32)	7	1
Qlogic (HBA: FC32)	7	1
Emulex (HBA: FC32)	6, 3	2
Broadcom (HBA: FC32)	6, 3	2
Qlogic (HBA: FC32)	6, 3	2
Emulex (HBA: FC16)	7	1
Broadcom (HBA: FC16)	7	1
Qlogic (HBA: FC16)	7	1
Emulex (HBA: FC16)	6, 3	2
Broadcom (HBA: FC16)	6, 3	2
Qlogic (HBA: FC16)	6, 3	2
Broadcom (NIC: 10 Gb)	7	1
Intel (NIC: 10 Gb)	7	1
Qlogic - Marvell (NIC: 10 Gb)	7	1
Qlogic - Marvell (NIC: 10 Gb)	6, 3	2
Broadcom (NIC: 10 Gb)	6, 3	2
Intel (NIC: 10 Gb)	6, 3	2
Broadcom (NIC: 1 Gb)	7	1
Intel (NIC: 1 Gb)	7	1
Broadcom (NIC: 1 Gb)	6, 3	2
Intel (NIC: 1 Gb)	6, 3	2
Mellanox (NIC: HDR100 VPI)	6, 3	2
Mellanox (NIC: HDR VPI)	6, 3	2
Intel (NICACC100, LP)	6, 3	2
Mellanox (OCP: 25 Gb)	Integrated slot	1
SolarFlare (OCP: 25 Gb)	Integrated slot	1
Broadcom (OCP: 25 Gb)	Integrated slot	1
QLogic (OCP: 25 Gb)	Integrated slot	1
Intel (OCP: 25 Gb)	Integrated slot	1
Broadcom (OCP: 10 Gb)	Integrated slot	1
Intel (OCP: 10 Gb)	Integrated slot	1
QLogic (OCP: 10 Gb)	Integrated slot	1
Broadcom (OCP: 1 Gb)	Integrated slot	1
Intel (OCP: 1 Gb)	Integrated slot	1
Foxconn (External Adapter)	7	1
Foxconn (External Adapter)	6, 3	2

Table 18. Configuration 7: R2A + R4B with R1 and R3 paddle cards (continued)

Card type	Slot priority	Maximum number of cards
Foxconn (External Adapter)	7, 6, 3	3
Inventec (BOSS S1 Full height)	8, 7	1
Inventec (BOSS S1 Low profile)	6, 3	1
Inventec (BOSS S2 Adapter)	Integrated slot	1
Samsung (PCIe SSD)	8, 7	2

Table 19. Configuration 8: R1B + R2A

Card type	Slot priority	Maximum number of cards
Inventec (LOM)	Integrated slot	1
Inventec (FPERC 10.15)	Integrated slot	1
Foxconn (FPERC 10.15)	Integrated slot	1
Foxconn (FPERC 11)	Integrated slot	1
Foxconn (FPERC HBA 11)	Integrated slot	1
Mellanox (NIC: 200 Gb, LP)	3	1
Mellanox (NIC: 100 Gb)	3	1
Broadcom (NIC: 100 Gb)	3	1
Intel (NIC: 100 Gb)	3	1
Emulex (HBA: FC64 LP)	3	1
Emulex (HBA: FC64)	2, 1	2
SolarFlare (NIC: 25 Gb)	2, 1	2
Broadcom (NIC: 25 Gb)	2, 1	2
Intel (NIC: 25 Gb)	2, 1	2
Qlogic - Marvell (NIC: 25 Gb)	2, 1	2
Mellanox (NIC: 25 Gb)	2, 1	2
NVIDIA - Mellanox (SmartNIC: 25 Gb)	2, 1	2
Mellanox (NIC: 25 Gb)	3	1
SolarFlare (NIC: 25 Gb)	3	1
Broadcom (NIC: 25 Gb)	3	1
Intel (NIC: 25 Gb)	3	1
Qlogic - Marvell (NIC: 25 Gb)	3	1
Emulex (HBA: FC32)	2, 1	2
Broadcom (HBA: FC32)	2, 1	2
Qlogic (HBA: FC32)	2, 1	2
Emulex (HBA: FC32)	3	1
Broadcom (HBA: FC32)	3	1
Qlogic (HBA: FC32)	3	1
Emulex (HBA: FC16)	2, 1	2
Broadcom (HBA: FC16)	2, 1	2

Table 19. Configuration 8: R1B + R2A (continued)

Card type	Slot priority	Maximum number of cards
Qlogic (HBA: FC16)	2, 1	2
Emulex (HBA: FC16)	3	1
Broadcom (HBA: FC16)	3	1
Qlogic (HBA: FC16)	3	1
Broadcom (NIC: 10 Gb)	2, 1, 3	3
Intel (NIC: 10 Gb)	2, 1	2
Qlogic - Marvell (NIC: 10 Gb)	2, 1	2
Qlogic - Marvell (NIC: 10 Gb)	3	1
Broadcom (NIC: 10 Gb)	3	1
Intel (NIC: 10 Gb)	3	1
Broadcom (NIC: 1 Gb)	2, 1	2
Intel (NIC: 1 Gb)	2, 1	2
Broadcom (NIC: 1 Gb)	3	1
Intel (NIC: 1 Gb)	3	1
Mellanox (NIC: HDR100 VPI)	3	1
Mellanox (NIC: HDR VPI)	3	1
Intel (NICACC100, LP)	3	1
Mellanox (OCP: 25 Gb)	Integrated slot	1
SolarFlare (OCP: 25 Gb)	Integrated slot	1
Broadcom (OCP: 25 Gb)	Integrated slot	1
QLogic (OCP: 25 Gb)	Integrated slot	1
Intel (OCP: 25 Gb)	Integrated slot	1
Broadcom (OCP: 10 Gb)	Integrated slot	1
Intel (OCP: 10 Gb)	Integrated slot	1
QLogic (OCP: 10 Gb)	Integrated slot	1
Broadcom (OCP: 1 Gb)	Integrated slot	1
Intel (OCP: 1 Gb)	Integrated slot	1
Foxconn (External Adapter)	2, 1	2
Foxconn (External Adapter)	3	1
Foxconn (External Adapter)	2, 1, 3	3
Inventec (BOSS S1 Full height)	2, 1	1
Inventec (BOSS S1 Low profile)	3	1
Inventec (BOSS S2 Adapter)	Integrated slot	1
Samsung (PCIe SSD)	2, 1	2

Table 20. Configuration 9: R2A

Card type	Slot priority	Maximum number of cards
Inventec (LOM)	Integrated slot	1

Table 20. Configuration 9: R2A (continued)

Card type	Slot priority	Maximum number of cards
Foxconn (APERC 10.15)	3	1
Foxconn (APERC 11)	3	1
Inventec (APERC 10.15)	3	1
Foxconn (APERC HBA 11)	3	1
Mellanox (NIC: 200 Gb, LP)	3	1
Mellanox (NIC: 100 Gb)	3	1
Broadcom (NIC: 100 Gb)	3	1
Intel (NIC: 100 Gb)	3	1
Emulex (HBA: FC64 LP)	3	1
Mellanox (NIC: 25 Gb)	3	1
SolarFlare (NIC: 25 Gb)	3	1
Broadcom (NIC: 25 Gb)	3	1
Intel (NIC: 25 Gb)	3	1
Qlogic - Marvell (NIC: 25 Gb)	3	1
Emulex (HBA: FC32)	3	1
Broadcom (HBA: FC32)	3	1
Qlogic (HBA: FC32)	3	1
Emulex (HBA: FC16)	3	1
Broadcom (HBA: FC16)	3	1
Qlogic (HBA: FC16)	3	1
Broadcom (NIC: 10 Gb)	3	1
Intel (NIC: 10 Gb)	3	1
Qlogic - Marvell (NIC: 10 Gb)	3	1
Broadcom (NIC: 1 Gb)	3	1
Intel (NIC: 1 Gb)	3	1
Mellanox (NIC: HDR100 VPI)	3	1
Mellanox (NIC: HDR VPI)	3	1
Intel (NIC:ACC100, LP)	3	1
Mellanox (OCP: 25 Gb)	Integrated slot	1
SolarFlare (OCP: 25 Gb)	Integrated slot	1
Broadcom (OCP: 25 Gb)	Integrated slot	1
QLogic (OCP: 25 Gb)	Integrated slot	1
Intel (OCP: 25 Gb)	Integrated slot	1
Broadcom (OCP: 10 Gb)	Integrated slot	1
Intel (OCP: 10 Gb)	Integrated slot	1
QLogic (OCP: 10 Gb)	Integrated slot	1
Broadcom (OCP: 1 Gb)	Integrated slot	1

Table 20. Configuration 9: R2A (continued)

Card type	Slot priority	Maximum number of cards
Intel (OCP: 1 Gb)	Integrated slot	1
Foxconn (External Adapter)	3	1
Inventec (BOSS S1 Low profile)	3	1
Inventec (BOSS S2 Adapter)	Integrated slot	1