

PowerEdge R7525 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>.

Topics:

- [Revision history](#)

Revision history

This section provides a description of document changes.

Table 1. Document Revision history

Document Revision	Date	Description of changes
1.	November, 2022	1. Updated PSU information 2. Updated Serial communication in BIOS 3. Corrected the Riser Configuration 4 error

Information Update

Topics:

- [Expansion card installation guidelines](#)
- [PSU specifications](#)
- [Serial Communication](#)

Expansion card installation guidelines

The following table describes the supported expansion cards:

Table 2. Expansion card riser configurations

Expansion card riser	PCIe slots	Processor connection	Height	Length	Slot width
Riser 1	Slot 1	Processor 1	Full Height	Half Length	x8
					x16
	Slot 2				x8
					x16
Riser 2	Slot 3	Processor 1	Low Profile	Half Length	x16
	Slot 6	Processor 2			
Riser 3	Slot 4	Processor 2	Full Height	Half Length	x8
					x8
	Slot 5				x16
Riser 4	Slot 7	Processor 2	Full Height	Half Length	x8
					x16
	Slot 8				x8
					x16

Table 3. PCIe Riser Configs

Config #	RSR Configuration	# of CPUs	PERC type supported	Rear Storage Possible	x8 CPU 1	x16 CPU 1	x8 CPU 2	x16 CPU 2
0	NO RSR	2	None	No	0	0	0	0
1	R1B	1	Front PERC	No	2	0	0	0
2	R1B+R4B	2	Front PERC/ PERC Adapter	No	2	0	2	0
3-1	R1A+R2A+ R3A+R4A (FL)	2	Front PERC/	No	0	2	0	3

Table 3. PCIe Riser Configs (continued)

Config #	RSR Configuration	# of CPUs	PERC type supported	Rear Storage Possible	x8 CPU 1	x16 CPU 1	x8 CPU 2	x16 CPU 2
			PERC Adapter					
3-2	R1A+R2A+R3A+R4A (HL)	2	Front PERC/ PERC Adapter	No	0	2	0	3
4	R1B+R2A+R3B+R4B	2	Front PERC/ PERC Adapter	No	2	1	4	1
6	R1C+R2A+R3A+R4C	2	PERC Adapter	No	0	3	0	4
7	R1D+R2A+R3B+R4D	2	None	No	0	1	2	1
8-1	R1A+R2A+R4A (FL)	2	PERC Adapter	Yes	0	2	0	2
8-2	R1A+R2A+R4A (HL)	2	PERC Adapter	Yes	0	2	0	2
9	R1B+R2A+R4B	2	PERC Adapter	Yes	2	1	2	1
10	R2A+R4B	2	PERC Adapter	Yes	0	1	2	1
11	R1D+R2A+R3B+R4B	2	None	No	0	1	4	1
12-1	R1D+R2A+R3A+R4A (FL)	2	None	No	0	1	0	3
12-2	R1D+R2A+R3A+R4A (HL)	2	None	No	0	1	0	3
13-1	R1A+R2A+R3A (FL)	2	Front PERC/ PERC Adapter	No	0	2	0	2
13-2	R1A+R2A+R3A (HL)	2	Front PERC/ PERC Adapter	No	0	2	0	2
14	R1B+R2A+R3B	2	Front PERC/ PERC Adapter	No	2	1	2	1
15	R1D+R4D	1	None	No	0	0	0	0

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 4. Configuration 0 - No riser

Card type	Slot priority	Maximum number of cards
Broadcom (OCP: 25 Gb)	Internal slot	1
QLogic (OCP: 25 Gb)	Internal slot	1
Mellanox (OCP: 25 Gb)	Internal slot	1
SolarFlare (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 10 Gb)	Internal slot	1
QLogic (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 1 Gb)	Internal slot	1
Intel (OCP: 1 Gb)	Internal slot	1
Intel (OCP: 25Gb)	Internal slot	1
Dell BOSS S2 card Module	Internal slot	1

Table 5. Configuration 1: R1B

Card type	Slot priority	Maximum number of cards
Intel (NIC: 25 Gb)	1,2	2
SolarFlare (NIC: 25 Gb)	1,2	2
Broadcom (NIC: 25 Gb)	1,2	2
QLogic (NIC: 25 Gb)	1,2	2
Emulex (HBA: FC64 FH)	1,2	2
Emulex (HBA: FC32)	1,2	2
QLogic (HBA: FC32)	1,2	2
Emulex (HBA: FC16)	1,2	2
QLogic (HBA: FC16)	1,2	2
FOXCONN (HBA355E, HBA355I)	1,2	2
Intel (NIC: 10 Gb)	1,2	2
Broadcom (NIC: 10 Gb)	1,2	2
QLogic (NIC: 10 Gb)	1,2	2
Intel (NIC: 1 Gb)	1,2	2
Broadcom (NIC: 1 Gb)	1,2	2
Samsung (PCIE SSD)	1,2	1
Intel (PCIE SSD)	1,2	1
Dell PERC Adapter	1,2	2
Dell BOSS Adapter	1,2	1
Intel (NIC: 25Gb)	1,2	2

Table 5. Configuration 1: R1B (continued)

Card type	Slot priority	Maximum number of cards
Intel (NIC: 100Gb)	1,2	2
Broadcom (NIC: 10Gb)	1,2	2
Dell Front PERC	Internal slot	1
Mellanox (OCP: 100 Gb)	Internal slot	1
Mellanox (OCP: 50 Gb)	Internal slot	1
Broadcom (OCP: 25 Gb)	Internal slot	1
QLogic (OCP: 25 Gb)	Internal slot	1
Mellanox (OCP: 25 Gb)	Internal slot	1
SolarFlare (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 10 Gb)	Internal slot	1
QLogic (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 1 Gb)	Internal slot	1
Intel (OCP: 1 Gb)	Internal slot	1
Dell BOSS S2 card Module	Internal slot	1

Table 6. Configuration 2: R1B+ R4B

Card type	Slot priority	Maximum number of cards
Dell Serial	8	1
Dell BOSS Adapter	1, 2, 7, 8	1
Dell PERC Adapter	2	1
Intel (NIC: 25 Gb)	1, 2, 7	3
Mellanox (NIC: 25 Gb)	1, 2, 3	3
SolarFlare (NIC: 25 Gb)	1, 2, 7	3
QLogic (NIC: 25 Gb)	1, 2, 7	3
Emulex (HBA: FC64 FH)	1, 2, 7	3
Emulex (HBA: FC32)	1, 2, 7	3
QLogic (HBA: FC32)	1, 2, 7	3
Emulex (HBA: FC16)	1, 2, 7	3
QLogic (HBA: FC16)	1, 2, 7	3
FOXCONN (HBA355E)	1, 2, 7, 8	2
FOXCONN (HBA355I)	2	1
Intel (NIC: 10 Gb)	1, 2, 7	3

Table 6. Configuration 2: R1B+ R4B (continued)

Card type	Slot priority	Maximum number of cards
Broadcom (NIC: 10 Gb)	1, 2, 7	3
QLogic (NIC: 10 Gb)	1, 2, 7	3
Intel (NIC: 10 Gb)	1, 2, 7	3
Intel (NIC: 1 Gb)	1, 2, 7	3
Broadcom (NIC: 1 Gb)	1, 2, 7	3
Broadcom (NIC: 10Gb)	1, 2, 7	3
Intel (NIC: 25Gb)	1, 2, 7	3
Intel (NIC: 100Gb)	1, 2, 7	3
Dell PERC Adapter	1, 2, 7, 8	3
Samsung (PCIe SSD)	1, 2, 7, 8	3
Intel (PCIe SSD)	1, 2, 7, 8	3
Dell Front PERC	Internal slot	1
Broadcom (OCP: 25 Gb)	Internal slot	1
QLogic (OCP: 25 Gb)	Internal slot	1
Mellanox (OCP: 25 Gb)	Internal slot	1
SolarFlare (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 10 Gb)	Internal slot	1
QLogic (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 1 Gb)	Internal slot	1
Intel (OCP: 1 Gb)	Internal slot	1
Dell BOSS S2 card Module	Internal slot	1

Table 7. Configuration 3-1: R1A + R2A + R3A + R4A (Full Length)

Card type	Slot priority	Maximum number of cards
Dell Serial	4	1
GPU: NVIDIA T4 16 GB (Low Profile)	3, 6	2
GPU: NVIDIA A2 16 GB (Low Profile)	3, 6	2
GPU: NVIDIA M10 32 GB (Full Height)	2, 5, 7	3
GPU: NVIDIA A100 40 GB (Full Height)	2, 5, 7	3
GPU: NVIDIA A10 24 GB (Full Height)	2, 5, 7	3
GPU: NVIDIA A30 24 GB (Full Height)	2, 5, 7	3
GPU: NVIDIA A40 48 GB (Full Height)	2, 5, 7	3
GPU: NVIDIA V100 16 GB (Full Height)	2, 5, 7	3

Table 7. Configuration 3-1: R1A + R2A + R3A + R4A (Full Length) (continued)

Card type	Slot priority	Maximum number of cards
GPU: NVIDIA V100S 32 GB (Full Height)	2, 5, 7	3
GPU: AMD MI100 32 GB (Full Height)	2, 5, 7	3
GPU: AMD MI210 64 GB (Full Height)	2, 5, 7	3
GPU: NVIDIA RTX6000 24 GB (Full Height)	2, 5, 7	3
GPU: NVIDIA RTX8000 48 GB (Full Height)	2, 5, 7	3
GPU: NVIDIA RTX5000 16 GB (Full Height)	2, 5, 7	3
GPU: NVIDIA A16 64 GB (Full Height)	2, 5, 7	3
GPU: NVIDIA A100 80 GB (Full Height)	2, 5, 7	3
Xilinx (Accelerators - FPGAs - Full Height)	2, 5, 7	3
FOXCONN front PERC	Internal slot	1
Inventec front PERC	Internal slot	1
FOXCONN PERC Adapter (Low Profile)	3	1
Inventec PERC Adapter (Low Profile)	3	1
Mellanox (NIC: 100 Gb - Low Profile)	3, 6	2
Intel (NIC: 25 Gb - Low Profile)	3, 6	2
Mellanox (NIC: 25 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 25 Gb - Low Profile)	3, 6	2
QLogic (NIC: 25 Gb - Low Profile)	3, 6	2
Emulex (HBA: FC64 - Low Profile)	3, 6	2
Emulex (HBA: FC32 - Low Profile)	3, 6	2
QLogic (HBA: FC32 - Low Profile)	3, 6	2
Emulex (HBA: FC16 - Low Profile)	3, 6	2
QLogic (HBA: FC16 - Low Profile)	3, 6	2
FOXCONN (HBA355E - Low Profile/Full Height)	3, 6	2
QLogic (NIC: 10 Gb - Low Profile)	3, 6	2
Intel (NIC: 10 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 10 Gb - Low Profile)	3, 6	2
QLogic (NIC: 10 Gb - Low Profile)	3, 6	2
Intel (NIC: 10 Gb - Low Profile)	3, 6	2
Intel (NIC: 1 Gb - Low Profile)	3, 6	2
Intel (NIC: 100Gb, LP)	3, 6	2
Broadcom (NIC: 1 Gb - Low Profile)	3, 6	2
Mellanox (NIC: HDR100 VPI - Low Profile)	3, 6	2
Mellanox (NIC:HDR VPI - Low Profile)	3, 6	2

Table 7. Configuration 3-1: R1A + R2A + R3A + R4A (Full Length) (continued)

Card type	Slot priority	Maximum number of cards
Broadcom (OCP: 25 Gb)	Internal	1
QLogic (OCP: 25 Gb)	Internal	1
Mellanox (OCP: 25 Gb)	Internal	1
SolarFlare (OCP: 25 Gb)	Internal	1
Intel (OCP: 10 Gb)	Internal	1
Broadcom (OCP: 10 Gb)	Internal	1
QLogic (OCP: 10 Gb)	Internal	1
Intel (OCP: 10 Gb)	Internal	1
QLogic (OCP: 10 Gb)	Internal	1
Broadcom (OCP: 1 Gb)	Internal	1
Intel (OCP: 1 Gb)	Internal	1
FOXCONN (External adapter - Low Profile)	3, 6	2
Dell BOSS S2 Adapter (Low Profile)	Internal	1
Dell BOSS Adapter (Low Profile)	3, 6	1
Samsung (PCIe SSD)	3, 6	2
Intel (PCIe SSD)	3, 6	2
FOXCONN (ASSY,CRD,CTL,H755,FRONT)	Internal	1
Emulex (CRD,CTL,EMLX,LP,FC32,2P,V1.1)	3,6	2
QLogic (CRD,CTL,MRVL,LP,FC32,1P,S28,F1)	3,6	2
FOXCONN (PWA,CTL,HBA355I,ADPT,V2)	3	1
FOXCONN (PWA,CTL,HBA355I,FRONT,V2)	Internal	1
Inventec (ASSY,CRD,CTL,BOSS,ADPT,S2V2,15G)	Internal	1
Emulex (CRD,CTL,EMLX,LP,FC32,1P,S28)	3, 6	2
Intel (CRD,NTWK,INTL,FH,25G,2P,S28,F1)	Internal	1
Intel (CRD,NTWK,INTL,LP,25G,2P,S28,F1)	3, 6	2

Table 8. Configuration 3-2: R1A + R2A + R3A + R4A (Half Length)

Card type	Slot priority	Maximum number of cards
Dell Serial	4	1
GPU: NVIDIA T4 16 GB (Full Height)	2, 5, 7	3
GPU: NVIDIA T4 16 GB (Low Profile)	3, 6	2
GPU: NVIDIA A2 16 GB (Full Height)	2, 5, 7	3

Table 8. Configuration 3-2: R1A + R2A + R3A + R4A (Half Length) (continued)

Card type	Slot priority	Maximum number of cards
GPU: NVIDIA A2 16 GB (Low Profile)	3, 6	2
FOXCONN Front PERC	Internal	1
Inventec Front PERC	Internal	1
FOXCONN PERC Adapter (Low Profile)	3	1
Inventec PERC Adapter (Low Profile)	3	1
Mellanox (NIC: 100 Gb - Low Profile)	2, 5, 7	3
Mellanox (NIC: 100 Gb - Low Profile)	3, 6	2
NAPATECH (NIC: 100 Gb - Low Profile)	2, 5, 7	3
QLogic (NIC: 25 Gb - Low Profile)	2, 5, 7	3
QLogic (NIC: 25 Gb - Low Profile)	3, 6	2
Intel (NIC: 25 Gb - Low Profile)	2, 5, 7	3
Intel (NIC: 25 Gb - Low Profile)	3, 6	2
Mellanox (NIC: 25 Gb - Low Profile)	2, 5, 7	3
Mellanox (NIC: 25 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 25 Gb - Low Profile)	2, 5, 7	3
Broadcom (NIC: 25 Gb - Low Profile)	3, 6	2
Emulex (HBA: FC64 Full Height)	2, 5, 7	3
Emulex (HBA: FC64 Low Profile)	3, 6	2
Emulex (HBA: FC32 - Low Profile)	2, 5, 7	3
Emulex (HBA: FC32 - Low Profile)	3, 6	2
QLogic (HBA: FC32 - Low Profile)	2, 5, 7	3
QLogic (HBA: FC32 - Low Profile)	3, 6	2
Emulex (HBA: FC16 - Low Profile)	2, 5, 7	3
Emulex (HBA: FC16 - Low Profile)	3, 6	2
QLogic (HBA: FC16 - Low Profile)	2, 5, 7	3
QLogic (HBA: FC16 - Low Profile)	3, 6	2
FOXCONN (HBA355E - Low Profile/Full Height)	3, 6	2
QLogic (NIC: 10 Gb - Low Profile)	2, 5, 7	3
QLogic (NIC: 10 Gb - Low Profile)	3, 6	2
Intel (NIC: 10 Gb - Low Profile)	3, 6	2
Intel (NIC: 10 Gb - Low Profile)	2, 5, 7	3
Broadcom (NIC: 10 Gb - Low Profile)	2, 5, 7	3
Broadcom (NIC: 10 Gb - Low Profile)	3, 6	2
QLogic (NIC: 10 Gb - Low Profile)	2, 5, 7	3
QLogic (NIC: 10 Gb - Low Profile)	3, 6	2
Intel (NIC: 10 Gb - Low Profile)	2, 5, 7	3
Intel (NIC: 10 Gb - Low Profile)	3, 6	2

Table 8. Configuration 3-2: R1A + R2A + R3A + R4A (Half Length) (continued)

Card type	Slot priority	Maximum number of cards
Intel (NIC: 1 Gb - Low Profile)	3, 6	2
Intel (NIC: 1 Gb - Low Profile)	2, 5, 7	3
Intel (NIC: 25Gb)	2, 5, 7	3
Intel (NIC: 100Gb, FH)	2, 5, 7	3
Intel (NIC: 100Gb)	3, 6	2
Broadcom (NIC: 1 Gb - Low Profile)	2, 5, 7	3
Broadcom (NIC: 1 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 10Gb, FH)	2, 5, 7	3
Broadcom (NIC: 10Gb, LP)	3, 6	2
Mellanox (NIC: HDR100 VPI - Low Profile)	3, 6	2
Mellanox (NIC: HDR100 VPI - Low Profile)	2, 5, 7	3
Mellanox (NIC:HDR VPI - Low Profile)	3, 6	2
Mellanox (NIC:HDR VPI - Low Profile)	2, 5, 7	3
Broadcom (OCP: 25 Gb)	INT	1
QLogic (OCP: 25 Gb)	INT	1
Mellanox (OCP: 25 Gb)	INT	1
SolarFlare (OCP: 25 Gb)	INT	1
Intel (OCP: 10 Gb)	INT	1
Broadcom (OCP: 10 Gb)	INT	1
QLogic (OCP: 10 Gb)	INT	1
Intel (OCP: 10 Gb)	INT	1
QLogic (OCP: 10 Gb)	INT	1
Broadcom (OCP: 1 Gb)	INT	1
Intel (OCP: 1 Gb)	INT	1
Intel (OCP: 25Gb)	INT	1
FOXCONN (External adapter - Low Profile)	2, 5, 7	2
FOXCONN (External adapter - Low Profile)	3, 6	2
Dell BOSS S2 Adapter (Low Profile)	Internal	1
Dell BOSS Adapter (Low Profile)	2, 5, 7	1
Dell BOSS Adapter (Low Profile)	3, 6	1
Samsung (PCIe SSD)	3, 6, 2, 5, 7	5
FOXCONN (ASSY,CRD,CTL,H755,FRONT)	Internal	1
Intel (PCIe SSD)	3, 6, 2, 5, 7	5
Emulex (CRD,CTL,EMLX,FH,FC32)	2, 5, 7	3

Table 8. Configuration 3-2: R1A + R2A + R3A + R4A (Half Length) (continued)

Card type	Slot priority	Maximum number of cards
Emulex (CRD,CTL,EMLX,LP,FC32,2P,V1.1)	3, 6	2
QLogic (CRD,CTL,MRVL,FH,FC32,1P,S2)8,F1)	2, 5, 7	3
QLogic (CRD,CTL,MRVL,LP,FC32,1P,S28,F1)	3, 6	2
FOXCONN (PWA,CTL,HBA355I,ADPT,V2	3	1
FOXCONN (PWA,CTL,HBA355I,FRONT,V2)	Internal	1
Inventec (ASSY,CRD,CTL,BOSS,ADPT,S2V2,15G)	Internal	1
Emulex (CRD,CTL,EMLX,FH,FC32,1P,S28)	2, 5, 7	3
Emulex (CRD,CTL,EMLX,LP,FC32,1P,S28)	3, 6	2
Intel (CRD,NTWK,INTL,FH,25G,2P,S28,F1)	2, 5, 7	3
Intel (CRD,NTWK,INTL,LP,25G,2P,S28,F1)	3, 6	2

Table 9. Configuration 4: R1B + R2A + R3B + R4B

Card type	Slot priority	Maximum number of cards
Dell Serial	4, 8	1
Dell BOSS Adapter (Full Height)	1, 2, 5, 7, 8	1
Dell PERC Adapter	2	1
Mellanox (NIC: 100 Gb - Full Height)	5	1
Mellanox (NIC: 100 Gb - Low Profile)	3, 6	2
Intel (NIC: 25 Gb - Full Height)	1, 2, 5, 7	4
Mellanox (NIC: 25 Gb - Full Height)	1, 2, 5, 7	4
Mellanox (NIC: 25 Gb - Low Profile)	3, 6	2
SolarFlare (NIC: 25 Gb - Full Height)	1, 2, 5, 7	4
Broadcom (NIC: 25 Gb - Full Height)	1, 2, 5, 7	4
Broadcom (NIC: 25 Gb - Low Profile)	3, 6	2
QLogic (NIC: 25 Gb - Full Height)	1, 2, 5, 7	4
Emulex (HBA: FC64 Full Height)	4, 5, 1, 2, 7	5
Emulex (HBA: FC64 Low Profile)	3, 6	2
Emulex (HBA: FC32 - Full Height)	1, 2, 5, 7	4
QLogic (HBA: FC32 - Full Height)	1, 2, 5, 7	4
Emulex (HBA: FC16 - Full Height)	1, 2, 5, 7	4
QLogic (HBA: FC16 - Full Height)	1, 2, 5, 7	4
Intel (NIC: 10 Gb - Full Height)	1, 2, 5, 7	4

Table 9. Configuration 4: R1B + R2A + R3B + R4B (continued)

Card type	Slot priority	Maximum number of cards
Broadcom (NIC: 10 Gb - Full Height)	1, 2, 5, 7	4
QLogic (NIC: 10 Gb - Full Height)	1, 2, 5, 7	4
Intel (NIC: 10 Gb - Full Height)	1, 2, 5, 7	4
Intel (NIC: 1 Gb - Full Height)	1, 2, 5, 7	4
Broadcom (NIC: 1 Gb - Full Height)	1, 2, 5, 7	4
Mellanox (NIC: HDR100 VPI - Full Height)	5	2
Mellanox (NIC: HDR100 VPI - Low Profile)	3, 6	2
Mellanox (NIC:HDR VPI - Full Height)	5	1
Mellanox (NIC:HDR VPI - Low Profile)	3, 6	2
Dell (External adapter - Full Height)	1, 2, 5, 7	4
Dell (External adapter - Low Profile)	3, 6	2
Samsung (PCIe SSD)	1, 2, 5, 7, 8	1
Intel (PCIe SSD)	1, 2, 5, 7, 8	1
Dell Front PERC	Internal slot	1
Broadcom (OCP: 25 Gb)	Internal slot	1
QLogic (OCP: 25 Gb)	Internal slot	1
Mellanox (OCP: 25 Gb)	Internal slot	1
SolarFlare (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 10 Gb)	Internal slot	1
QLogic (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 1 Gb)	Internal slot	1
Intel (OCP: 1 Gb)	Internal slot	1
FOXCONN (ASSY,CRD,CTL,H755,FRONT)	Internal slot	1
Emulex (CRD,CTL,EMLX,FH,FC32,2P,V1.1)	4, 5, 1, 2, 7	5
Emulex (CRD,CTL,EMLX,LP,FC32,2P,V1.1)	3, 6	2

Table 10. Configuration 6: R1C + R2A + R3A + R4C

Card type	Slot priority	Maximum number of cards
Dell Serial	4, 8	1
GPU: NVIDIA T4 16 GB (Full Height)	1, 2, 7, 8	4

Table 10. Configuration 6: R1C + R2A + R3A + R4C (continued)

Card type	Slot priority	Maximum number of cards
GPU: NVIDIA T4 16 GB (Low Profile)	3, 6	2
GPU: NVIDIA A2 16 GB (Full Height)	1, 2, 7, 8	4
GPU: NVIDIA A2 16 GB (Low Profile)	3, 6	2
Dell BOSS Adapter (Full Height)	1, 2, 5, 7	1
Dell BOSS Adapter (Low Profile)	3, 6	1
Dell PERC Adapter	5, 3	1
Mellanox (NIC: 100 Gb - Full Height)	1, 2, 5, 7	4
Mellanox (NIC: 100 Gb - Low Profile)	3, 6	2
Intel (NIC: 25 Gb - Full Height)	1, 2, 5, 7	4
Intel (NIC: 25 Gb - Low Profile)	3, 6	2
Mellanox (NIC: 25 Gb - Full Height)	1, 2, 5, 7	4
Mellanox (NIC: 25 Gb - Low Profile)	3, 6	2
SolarFlare (NIC: 25 Gb - Full Height)	1, 2, 5, 7	4
SolarFlare (NIC: 25 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 25 Gb - Full Height)	1, 2, 5, 7	4
Broadcom (NIC: 25 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 100Gb, FH)	1, 2, 5, 7	4
Broadcom (NIC: 100Gb, LP)	3, 6	2
QLogic (NIC: 25 Gb - Full Height)	1, 2, 5, 7	4
QLogic (NIC: 25 Gb - Low Profile)	3, 6	2
Emulex (HBA: FC64 - Full Height)	1, 2, 5, 7	4
Emulex (HBA: FC64 - Low Profile)	3, 6	2
Emulex (HBA: FC32 - Full Height)	1, 2, 5, 7	4
Emulex (HBA: FC32 - Low Profile)	3, 6	2
QLogic (HBA: FC32 - Full Height)	1, 2, 5, 7	4
QLogic (HBA: FC32 - Low Profile)	3, 6	2
Emulex (HBA: FC16 - Full Height)	1, 2, 5, 7	4
Emulex (HBA: FC16 - Low Profile)	3, 6	2
QLogic (HBA: FC16 - Full Height)	1, 2, 5, 7	4
QLogic (HBA: FC16 - Low Profile)	3, 6	2
FOXCONN (HBA355E - Low Profile/Full Height)	3, 6	2
Intel (NIC: 10 Gb - Full Height)	1, 2, 5, 7	4
Intel (NIC: 10 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 10 Gb - Full Height)	1, 2, 5, 7	4
Broadcom (NIC: 10 Gb - Low Profile)	3, 6	2
QLogic (NIC: 10 Gb - Full Height)	1, 2, 5, 7	4
QLogic (NIC: 10 Gb - Low Profile)	3, 6	2

Table 10. Configuration 6: R1C + R2A + R3A + R4C (continued)

Card type	Slot priority	Maximum number of cards
Intel (NIC: 10 Gb - Full Height)	1, 2, 5, 7	4
Intel (NIC: 10 Gb - Low Profile)	3, 6	2
Intel (NIC: 1 Gb - Full Height)	1, 2, 5, 7	4
Intel (NIC: 1 Gb - Low Profile)	3, 6	2
Intel (NIC: 100Gb, FH)	1, 2, 5, 7	4
Intel (NIC: 100Gb, LP)	3, 6	2
Broadcom (NIC: 1 Gb - Full Height)	1, 2, 5, 7	4
Broadcom (NIC: 1 Gb - Low Profile)	3, 6	2
Mellanox (NIC: HDR100 VPI - Full Height)	1, 2, 5, 7	4
Mellanox (NIC: HDR100 VPI - Low Profile)	3, 6	2
Mellanox (NIC:HDR VPI - Full Height)	1, 2, 5, 7	4
Mellanox (NIC:HDR VPI - Low Profile)	3, 6	2
Dell (External adapter - Full Height)	1, 2, 5, 7	4
Dell (External adapter - Low Profile)	3, 6	2
Samsung (PCIe SSD)	1, 2, 5, 7, 8, 3, 6	1
Intel (PCIe SSD)	1, 2, 5, 7, 8, 3, 6	1
Dell Front PERC	Internal slot	1
Broadcom (OCP: 25 Gb)	Internal slot	1
QLogic (OCP: 25 Gb)	Internal slot	1
Mellanox (OCP: 25 Gb)	Internal slot	1
SolarFlare (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 10 Gb)	Internal slot	1
QLogic (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 1 Gb)	Internal slot	1
Intel (OCP: 1 Gb)	Internal slot	1
FOXCONN (ASSY,CRD,CTL,H755,FRONT)	Internal slot	1
Emulex (CRD,CTL,EMLX,FH,FC32,2P,V1.1)	1, 2, 5, 7	4
Emulex (CRD,CTL,EMLX,LP,FC32,2P,V1.1)	3, 6	2
QLogic (CRD,CTL,MRVL,FH,FC32,1P,S28,F1)	1, 2, 5, 7	4

Table 10. Configuration 6: R1C + R2A + R3A + R4C (continued)

Card type	Slot priority	Maximum number of cards
QLogic (CRD,CTL,MRVL,LP,FC32,1P,S28,F1)	3, 6	2
FOXCONN (PWA,CTL,HBA355I,ADPT,V2)	5, 3	1
Emulex (CRD,CTL,EMLX,FH,FC32,1P,S28)	1, 2, 5, 7	4
Emulex (CRD,CTL,EMLX,LP,FC32,1P,S28)	3, 6	2
Intel (CRD,NTWK,INTL,FH,25G,2P,S28,F1)	1, 2, 5, 7	4
Intel (CRD,NTWK,INTL,LP,25G,2P,S28,F1)	3, 6	2

Table 11. Configuration 7: R1D + R2A + R3B + R4D

Card type	Slot priority	Maximum number of cards
Dell Serial	4, 8	1
Dell BOSS Adapter (Full Height)	4, 5	2
Dell BOSS Adapter (Low Profile)	3, 6	1
Mellanox (NIC: 100 Gb - Low Profile)	3, 6	2
Intel (NIC: 25 Gb - Full Height)	4, 5	2
Intel (NIC: 25 Gb - Low Profile)	3, 6	2
Mellanox (NIC: 25 Gb - Full Height)	4, 5	2
Mellanox (NIC: 25 Gb - Low Profile)	3, 6	2
SolarFlare (NIC: 25 Gb - Full Height)	4, 5	2
SolarFlare (NIC: 25 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 25 Gb - Full Height)	4, 5	2
Broadcom (NIC: 25 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 100Gb, FH)	5, 4	2
Broadcom (NIC: 100Gb, LP)	3, 6	2
QLogic (NIC: 25 Gb - Full Height)	4, 5	2
QLogic (NIC: 25 Gb - Low Profile)	3, 6	2
Emulex (HBA: FC64 - Full Height)	5, 4	2
Emulex (HBA: FC64 - Low Profile)	3, 6	2
Emulex (HBA: FC32 - Full Height)	4, 5	2
Emulex (HBA: FC32 - Low Profile)	3, 6	2
QLogic (HBA: FC32 - Full Height)	4, 5	2
QLogic (HBA: FC32 - Low Profile)	3, 6	2
Emulex (HBA: FC16 - Full Height)	4, 5	2
Emulex (HBA: FC16 - Low Profile)	3, 6	2
QLogic (HBA: FC16 - Full Height)	4, 5	2

Table 11. Configuration 7: R1D + R2A + R3B + R4D (continued)

Card type	Slot priority	Maximum number of cards
QLogic (HBA: FC16 - Low Profile)	3, 6	2
FOXCONN (HBA355E - Low Profile/Full Height)	3, 6	2
Intel (NIC: 10 Gb - Full Height)	4, 5	2
Intel (NIC: 10 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 10 Gb - Full Height)	4, 5	2
Broadcom (NIC: 10 Gb - Low Profile)	3, 6	2
QLogic (NIC: 10 Gb - Full Height)	4, 5	2
QLogic (NIC: 10 Gb - Low Profile)	3, 6	2
Intel (NIC: 10 Gb - Full Height)	4, 5	2
Intel (NIC: 10 Gb - Low Profile)	3, 6	2
Intel (NIC: 1 Gb - Full Height)	4, 5	2
Intel (NIC: 1 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 1 Gb - Full Height)	4, 5	2
Broadcom (NIC: 1 Gb - Low Profile)	3, 6	2
Mellanox (NIC: HDR100 VPI - Low Profile)	3, 6	2
Mellanox (NIC:HDR VPI - Low Profile)	3, 6	2
Dell (External adapter - Full Height)	4, 5	2
Dell (External adapter - Low Profile)	3, 6	2
Samsung (PCIe SSD)	3, 6, 4, 5	1
Intel (PCIe SSD)	3, 6, 4, 5	1
Intel (NIC: 100Gb, LP)	3, 6	2
Intel (NIC: 25Gb, FH)	5, 4	2
Intel (NIC: 100Gb, FH)	5, 4	2
Broadcom (OCP: 25 Gb)	Internal slot	1
QLogic (OCP: 25 Gb)	Internal slot	1
Mellanox (OCP: 25 Gb)	Internal slot	1
SolarFlare (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 10 Gb)	Internal slot	1
QLogic (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 1 Gb)	Internal slot	1
Intel (OCP: 1 Gb)	Internal slot	1

Table 11. Configuration 7: R1D + R2A + R3B + R4D (continued)

Card type	Slot priority	Maximum number of cards
Emulex (CRD,CTL,EMLX,FH,FC32,2P,V1.1)	5, 4	2
Emulex (CRD,CTL,EMLX,LP,FC32,2P,V1.1)	3, 6	2
QLogic (CRD,CTL,MRVL,FH,FC32,1P,S28,F1)	5, 4	2
QLogic (CRD,CTL,MRVL,LP,FC32,1P,S28,F1)	3, 6	2
Inventec (ASSY,CRD,CTL,BOSS,ADPT,S2V2,15G)	Internal slot	1
Emulex (CRD,CTL,EMLX,FH,FC32,1P,S28)	5, 4	2
Emulex (CRD,CTL,EMLX,LP,FC32,1P,S28)	3, 6, 4, 5	2
Intel (CRD,NTWK,INTL,FH,25G,2P,S28,F1)	5, 4	2
Intel (CRD,NTWK,INTL,LP,25G,2P,S28,F1)	3, 6	2

Table 12. Configuration 8-1: R1A + R2A + R4A (FL)

Card type	Slot priority	Maximum number of cards
Dell BOSS-S2 Adapter	Internal slot	1
Dell BOSS-S1 card module	3, 6	1
Dell Front PERC Adapter	Internal slot	1
Dell PERC Adapter	3	1
Broadcom (NIC: 100 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 25 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 10 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 1 Gb - Low Profile)	3, 6	2
Emulex (HBA: FC64 - Low Profile)	3, 6	2
Emulex (HBA: FC32 - Low Profile)	3, 6	2
Emulex (HBA: FC16 - Low Profile)	3, 6	2
Intel (NIC: 100 Gb - Low Profile)	3, 6	2
Intel (NIC: 25 Gb - Low Profile)	3, 6	2
Intel (NIC: 10 Gb - Low Profile)	3, 6	2
Intel (NIC: 10 Gb - Low Profile)	3, 6	2
Intel (NIC: 1 Gb - Low Profile)	3, 6	2
Mellanox (NIC: 100 Gb - Low Profile)	3, 6	2
Mellanox (NIC: 25 Gb - Low Profile)	3, 6	2
Mellanox (NIC: HDR100 VPI - Low Profile)	3, 6	2
Mellanox (NIC:HDR VPI - Low Profile)	3, 6	2

Table 12. Configuration 8-1: R1A + R2A + R4A (FL) (continued)

Card type	Slot priority	Maximum number of cards
QLogic (NIC: 25 Gb - Low Profile)	3, 6	2
QLogic (HBA: FC32 - Low Profile)	3, 6	2
QLogic (HBA: FC16 - Low Profile)	3, 6	2
QLogic (NIC: 10 Gb - Low Profile)	3, 6	2
Dell (External adapter - Low Profile)	3, 6	2
Samsung (PCIe SSD)	3, 6	1
Intel (PCIe SSD)	3, 6	1
Broadcom (OCP: 25 Gb)	Internal slot	1
QLogic (OCP: 25 Gb)	Internal slot	1
Mellanox (OCP: 25 Gb)	Internal slot	1
SolarFlare (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 10 Gb)	Internal slot	1
QLogic (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 1 Gb)	Internal slot	1
Intel (OCP: 1 Gb)	Internal slot	1

Table 13. Configuration 8-2: R1A + R2A + R4A (HL)

Card type	Slot priority	Maximum number of cards
Dell Serial	8	1
Dell BOSS-S2 Adapter	Internal slot	1
Dell BOSS-S1 card module	3, 6	1
Dell Front PERC Adapter	Internal slot	1
Dell PERC Adapter	3	1
Broadcom (NIC: 100 Gb - Full Height)	2, 7	2
Broadcom (NIC: 100 Gb - Low Profile)	3, 6	2
Mellanox (NIC: 100 Gb - Full Height)	2, 7	2
Mellanox (NIC: 100 Gb - Low Profile)	3, 6	2
Intel (NIC: 25 Gb - Full Height)	2, 7	2
Intel (NIC: 25 Gb - Low Profile)	3, 6	2
Mellanox (NIC: 25 Gb - Full Height)	2, 7	2
Mellanox (NIC: 25 Gb - Low Profile)	3, 6	2
SolarFlare (NIC: 25 Gb - Full Height)	2, 7	2
SolarFlare (NIC: 25 Gb - Low Profile)	3, 6	2

Table 13. Configuration 8-2: R1A + R2A + R4A (HL) (continued)

Card type	Slot priority	Maximum number of cards
Broadcom (NIC: 25 Gb - Full Height)	2, 7	2
Broadcom (NIC: 25 Gb - Low Profile)	3, 6	2
QLogic (NIC: 25 Gb - Full Height)	2, 7	2
Emulex (HBA: FC32 - Full Height)	2, 7	2
Emulex (HBA: FC64 - Low Profile)	3, 6	2
Emulex (HBA: FC64 - Full Height)	2, 7	2
Emulex (HBA: FC32 - Low Profile)	3, 6	2
QLogic (HBA: FC32 - Full Height)	2, 7	2
QLogic (HBA: FC32 - Low Profile)	3, 6	2
Emulex (HBA: FC16 - Full Height)	2, 7	2
Emulex (HBA: FC16 - Low Profile)	3, 6	2
QLogic (HBA: FC16 - Full Height)	2, 7	2
QLogic (HBA: FC16 - Low Profile)	3, 6	2
Intel (NIC: 10 Gb - Full Height)	2, 7	2
Intel (NIC: 10 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 10 Gb - Full Height)	2, 7	2
Broadcom (NIC: 10 Gb - Low Profile)	3, 6	2
QLogic (NIC: 10 Gb - Full Height)	2, 7	2
QLogic (NIC: 10 Gb - Low Profile)	3, 6	2
Intel (NIC: 10 Gb - Full Height)	2, 7	2
Intel (NIC: 10 Gb - Low Profile)	3, 6	2
Intel (NIC: 1 Gb - Full Height)	2, 7	2
Intel (NIC: 1 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 1 Gb - Full Height)	2, 7	2
Broadcom (NIC: 1 Gb - Low Profile)	3, 6	2
Mellanox (NIC: HDR100 VPI - Full Height)	2, 7	2
Mellanox (NIC: HDR100 VPI - Low Profile)	3, 6	2
Mellanox (NIC: HDR VPI - Full Height)	2, 7	2
Mellanox (NIC: HDR VPI - Low Profile)	3, 6	2
Dell (External adapter - Full Height)	2, 7	2
Dell (External adapter - Low Profile)	3, 6	2
Samsung (PCIe SSD)	2, 7, 3, 6	1
Intel (PCIe SSD)	2, 7, 3, 6	1
Broadcom (OCP: 25 Gb)	Internal slot	1
QLogic (OCP: 25 Gb)	Internal slot	1

Table 13. Configuration 8-2: R1A + R2A + R4A (HL) (continued)

Card type	Slot priority	Maximum number of cards
Mellanox (OCP: 25 Gb)	Internal slot	1
SolarFlare (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 10 Gb)	Internal slot	1
QLogic (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 1 Gb)	Internal slot	1
Intel (OCP: 1 Gb)	Internal slot	1

Table 14. Configuration 9: R1B + R2A + R4B

Card type	Slot priority	Maximum number of cards
Dell Serial	8	1
Dell BOSS Adapter (Full Height)	1, 2, 7, 8	2
Dell BOSS Adapter (Low Profile)	3, 6	1
Dell PERC Adapter	3, 2	1
Broadcom (NIC: 100 Gb - Low Profile)	3, 6	2
Mellanox (NIC: 100 Gb - Low Profile)	3, 6	2
Intel (NIC: 25 Gb - Full Height)	1, 2, 7	3
Intel (NIC: 25 Gb - Low Profile)	3, 6	2
Intel (NIC: 100Gb, FH)	1, 2, 7	3
Intel (NIC: 100Gb, LP)	3, 6	2
Mellanox (NIC: 25 Gb - Full Height)	1, 2, 7	3
Mellanox (NIC: 25 Gb - Low Profile)	3, 6	2
SolarFlare (NIC: 25 Gb - Full Height)	1, 2, 7	3
SolarFlare (NIC: 25 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 25 Gb - Low Profile)	3, 6	2
QLogic (NIC: 25 Gb - Full Height)	1, 2, 7	3
QLogic (NIC: 25 Gb - Low Profile)	3, 6	2
Emulex (HBA: FC64 - Full Height)	1, 2, 7	3
Emulex (HBA: FC64 - Low Profile)	3, 6	2
Emulex (HBA: FC32 - Full Height)	1, 2, 7	3
Emulex (HBA: FC32 - Low Profile)	3, 6	2
QLogic (HBA: FC32 - Full Height)	1, 2, 7	3
QLogic (HBA: FC32 - Low Profile)	3, 6	2
Emulex (HBA: FC16 - Full Height)	1, 2, 7	3
Emulex (HBA: FC16 - Low Profile)	3, 6	2

Table 14. Configuration 9: R1B + R2A + R4B (continued)

Card type	Slot priority	Maximum number of cards
QLogic (HBA: FC16 - Full Height)	1, 2, 7	3
QLogic (HBA: FC16 - Low Profile)	3, 6	2
FOXCONN (HBA355E - Low Profile/Full Height)	3, 6	2
Intel (NIC: 10 Gb - Full Height)	1, 2, 7	3
Intel (NIC: 10 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 10 Gb - Full Height)	1, 2, 7	3
Broadcom (NIC: 10 Gb - Low Profile)	3, 6	2
QLogic (NIC: 10 Gb - Full Height)	1, 2, 7	3
QLogic (NIC: 10 Gb - Low Profile)	3, 6	2
Intel (NIC: 10 Gb - Full Height)	1, 2, 7	3
Intel (NIC: 10 Gb - Low Profile)	3, 6	2
Intel (NIC: 1 Gb - Full Height)	1, 2, 7	3
Intel (NIC: 1 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 1 Gb - Full Height)	1, 2, 7	3
Broadcom (NIC: 1 Gb - Low Profile)	3, 6	2
Mellanox (NIC: HDR100 VPI - Low Profile)	3, 6	2
Mellanox (NIC:HDR VPI - Low Profile)	3, 6	2
Dell (External adapter - Full Height)	1, 2, 7	3
Dell (External adapter - Low Profile)	3, 6	2
Samsung (PCIe SSD)	3, 6, 1, 2, 7, 8	1
Intel (PCIe SSD)	3, 6, 1, 2, 7, 8	1
Broadcom (OCP: 25 Gb)	Internal slot	1
QLogic (OCP: 25 Gb)	Internal slot	1
Mellanox (OCP: 25 Gb)	Internal slot	1
SolarFlare (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 10 Gb)	Internal slot	1
QLogic (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 1 Gb)	Internal slot	1
FOXCONN (ASSY,CRD,CTL,H755,FRONT)	Internal slot	1
Intel (OCP: 1 Gb)	Internal slot	1

Table 14. Configuration 9: R1B + R2A + R4B (continued)

Card type	Slot priority	Maximum number of cards
Emulex (CRD,CTL,EMLX,FH,FC32,2P,V1.1)	1, 2, 7	3
Emulex (CRD,CTL,EMLX,LP,FC32,2P,V1.1)	3, 6	2
QLogic (CRD,CTL,MRVL,FH,FC32,1P,S28,F1)	1, 2, 7	3
QLogic (CRD,CTL,MRVL,LP,FC32,1P,S28,F1)	3, 6	2
FOXCONN (PWA,CTL,HBA355I,ADPT,V2)	3	1
FOXCONN (PWA,CTL,HBA355I,FRONT,V2)	Internal slot	1
Inventec (ASSY,CRD,CTL,BOSS,ADPT,S2V2,15G)	Internal slot	1
Emulex (CRD,CTL,EMLX,FH,FC32,1P,S28)	1, 2, 7	3
Emulex (CRD,CTL,EMLX,LP,FC32,1P,S28)	3, 6	2
Intel (CRD,NTWK,INTL,FH,25G,2P,S28,F1)	1, 2, 7	3
Intel (CRD,NTWK,INTL,LP,25G,2P,S28,F1)	3, 6	2

Table 15. Configuration 10: R2A + R4B

Card type	Slot priority	Maximum number of cards
Dell BOSS-S2 Adapter	Internal slot	1
Dell BOSS-S1 card module (Full Height)	7, 8	1
Dell BOSS-S1 card module (Low Profile)	3, 6	1
Dell Front PERC Adapter	Internal slot	1
Dell PERC Adapter	3	1
FOXCONN (HBA355I)	3	1
FOXCONN (HBA355E, H840)	3, 6, 7	3
Broadcom (NIC: 100 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 25 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 10 Gb - Full Height)	7	1
Broadcom (NIC: 10 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 1 Gb - Full Height)	7	1
Broadcom (NIC: 1 Gb - Low Profile)	3, 6	2
Emulex (HBA: FC64 - Full Height)	7	1
Emulex (HBA: FC64 - Low Profile)	3, 6	2
Emulex (HBA: FC32 - Full Height)	7	1
Emulex (HBA: FC32 - Low Profile)	3, 6	2

Table 15. Configuration 10: R2A + R4B (continued)

Card type	Slot priority	Maximum number of cards
Emulex (HBA: FC16 - Full Height)	7	1
Emulex (HBA: FC16 - Low Profile)	3, 6	2
Intel (NIC: 100 Gb - Low Profile)	3, 6	2
Intel (NIC: 25 Gb - Full Height)	7	1
Intel (NIC: 25 Gb - Low Profile)	3, 6	2
Intel (NIC: 10 Gb - Full Height)	7	1
Intel (NIC: 10 Gb - Low Profile)	3, 6	2
Intel (NIC: 1 Gb - Full Height)	7	1
Intel (NIC: 1 Gb - Low Profile)	3, 6	2
Mellanox (NIC: 100 Gb -Full Height)	7, 8	2
Mellanox (NIC: 100 Gb - Low Profile)	3, 6	2
Mellanox (NIC: 25 Gb - Full Height)	7	1
Mellanox (NIC: 25 Gb - Low Profile)	3, 6	2
Mellanox (NIC: HDR100 VPI - Low Profile)	3, 6	2
Mellanox (NIC:HDR VPI - Low Profile)	3, 6	2
QLogic (NIC: 25 Gb - Full Height)	7	1
QLogic (NIC: 25 Gb - Low Profile)	3, 6	2
QLogic (HBA: FC32 - Full Height)	7	1
QLogic (HBA: FC32 - Low Profile)	3, 6	2
QLogic (HBA: FC16 - Full Height)	7	1
QLogic (HBA: FC16 - Low Profile)	3, 6	2
QLogic (NIC: 10 Gb -Full Height)	7	1
QLogic (NIC: 10 Gb - Low Profile)	3, 6	2
Dell (External adapter - Full Height)	7	1
Dell (External adapter - Low Profile)	3, 6	2
Samsung (PCIe SSD)	3, 6	1
Intel (PCIe SSD)	3, 6	1
Broadcom (OCP: 25 Gb)	Internal slot	1
QLogic (OCP: 25 Gb)	Internal slot	1
Mellanox (OCP: 25 Gb)	Internal slot	1
SolarFlare (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 10 Gb)	Internal slot	1

Table 15. Configuration 10: R2A + R4B (continued)

Card type	Slot priority	Maximum number of cards
QLogic (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 1 Gb)	Internal slot	1
Intel (OCP: 1 Gb)	Internal slot	1

Table 16. Configuration 11: R1D + R2A + R3B + R4B

Card type	Slot priority	Maximum number of cards
Dell Serial port	4, 8	2
Dell BOSS-S2 Adapter	Internal slot	1
Dell BOSS-S1 card module (Full Height)	4, 5, 7, 8	4
Dell BOSS-S1 card module (Low Profile)	3, 6	2
FOXCONN (HBA355E, H840, HBA - 12 GBPS) (Full Height/ Low profile)	3, 4, 5, 6, 7	5
Broadcom (NIC: 100 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 25 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 10 Gb - Full Height)	4, 5, 7	3
Broadcom (NIC: 10 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 1 Gb - Full Height)	4, 5, 7	3
Broadcom (NIC: 1 Gb - Low Profile)	3, 6	2
Emulex (HBA: FC64 - Full Height)	4, 5, 7	3
Emulex (HBA: FC64 - Low Profile)	3, 6	2
Emulex (HBA: FC32 - Full Height)	4, 5, 7	3
Emulex (HBA: FC32 - Low Profile)	3, 6	2
Emulex (HBA: FC16 - Full Height)	4, 5, 7	3
Emulex (HBA: FC16 - Low Profile)	3, 6	2
Intel (NIC: 100 Gb - Low Profile)	3, 6	2
Intel (NIC: 25 Gb - Full Height)	4, 5, 7	3
Intel (NIC: 25 Gb - Low Profile)	3, 6	2
Intel (NIC: 10 Gb - Full Height)	4, 5, 7	3
Intel (NIC: 10 Gb - Low Profile)	3, 6	2
Intel (NIC: 1 Gb - Full Height)	4, 5, 7	3
Intel (NIC: 1 Gb - Low Profile)	3, 6	2
Mellanox (NIC: 100 Gb - Full Height)	4, 5, 7, 8	4
Mellanox (NIC: 100 Gb - Low Profile)	3, 6	2
Mellanox (NIC: 25 Gb - Low Profile)	3, 6	2
Mellanox (NIC: HDR100 VPI - Low Profile)	3, 6	2
Mellanox (NIC: HDR VPI - Low Profile)	3, 6	2
QLogic (NIC: 25 Gb - Full Height)	4, 5, 7	3

Table 16. Configuration 11: R1D + R2A + R3B + R4B (continued)

Card type	Slot priority	Maximum number of cards
QLogic (NIC: 25 Gb - Low Profile)	3, 6	2
QLogic (HBA: FC32 - Full Height)	4, 5, 7	3
QLogic (HBA: FC32 - Low Profile)	3, 6	2
QLogic (HBA: FC16 - Full Height)	4, 5, 7	3
QLogic (HBA: FC16 - Low Profile)	3, 6	2
QLogic (NIC: 10 Gb -Full Height)	4, 5, 7	3
QLogic (NIC: 10 Gb - Low Profile)	3, 6	2
Dell (External adapter - Full Height)	4, 5, 7	3
Dell (External adapter - Low Profile)	3, 6	2
Samsung (PCIe SSD)	3, 6, 4, 5, 7, 8	6
Intel (PCIe SSD)	3, 6, 4, 5, 7, 8	6
Broadcom (OCP: 25 Gb)	Internal slot	1
QLogic (OCP: 25 Gb)	Internal slot	1
Mellanox (OCP: 25 Gb)	Internal slot	1
SolarFlare (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 10 Gb)	Internal slot	1
QLogic (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 1 Gb)	Internal slot	1
Intel (OCP: 1 Gb)	Internal slot	1

Table 17. Config12-1: R1D+R2A+R3A+R4A(FL)

Card type	Slot priority	Maximum number of cards
Dell BOSS-S2 Adapter	Internal slot	1
Dell BOSS-S1 card module (Low Profile)	3, 6	2
FOXCONN (HBA355E, H840, HBA - 12 GBPS) (Full Height/ Low profile)	3, 6	2
Broadcom (NIC: 100 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 25 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 10 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 1 Gb - Low Profile)	3, 6	2
Emulex (HBA: FC64 - Low Profile)	3, 6	2
Emulex (HBA: FC32 - Low Profile)	3, 6	2
Emulex (HBA: FC16 - Low Profile)	3, 6	2
Intel (NIC: 100 Gb - Low Profile)	3, 6	2

Table 17. Config12-1: R1D+R2A+R3A+R4A(FL) (continued)

Card type	Slot priority	Maximum number of cards
Intel (NIC: 25 Gb - Low Profile)	3, 6	2
Intel (NIC: 10 Gb - Low Profile)	3, 6	2
Intel (NIC: 1 Gb - Low Profile)	3, 6	2
Mellanox (NIC: 100 Gb - Low Profile)	3, 6	2
Mellanox (NIC: 25 Gb - Low Profile)	3, 6	2
Mellanox (NIC: HDR100 VPI - Low Profile)	3, 6	2
Mellanox (NIC:HDR VPI - Low Profile)	3, 6	2
QLogic (NIC: 25 Gb - Low Profile)	3, 6	2
QLogic (HBA: FC32 - Low Profile)	3, 6	2
QLogic (HBA: FC16 - Low Profile)	3, 6	2
QLogic (NIC: 10 Gb - Low Profile)	3, 6	2
Xilinx (FPGA - Full Height)	5, 7	2
Dell (External adapter - Low Profile)	3, 6	2
Samsung (PCIe SSD)	3, 6	2
Intel (PCIe SSD)	3, 6	2
Broadcom (OCP: 25 Gb)	Internal slot	1
QLogic (OCP: 25 Gb)	Internal slot	1
Mellanox (OCP: 25 Gb)	Internal slot	1
SolarFlare (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 10 Gb)	Internal slot	1
QLogic (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 1 Gb)	Internal slot	1
Intel (OCP: 1 Gb)	Internal slot	1

Table 18. Configuration12-2:R1D+R2A+R3A+R4A (HL)

Card type	Slot priority	Maximum number of cards
Dell Serial port	4, 8	2
Dell BOSS-S2 Adapter	Internal slot	1
Dell BOSS-S1 card module (Full Height)	5, 7	2
Dell BOSS-S1 card module (Low Profile)	3, 6	2
FOXCONN (HBA355E, H840, HBA - 12 GBPS) (Full Height/ Low profile)	3, 6, 5, 7	4
Broadcom (NIC: 100 Gb - Full Height)	5, 7	2

Table 18. Configuration12-2:R1D+R2A+R3A+R4A (HL) (continued)

Card type	Slot priority	Maximum number of cards
Broadcom (NIC: 100 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 25 Gb - Full Height)	5, 7	2
Broadcom (NIC: 25 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 10 Gb - Full Height)	5, 7	2
Broadcom (NIC: 10 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 1 Gb - Full Height)	5, 7	2
Broadcom (NIC: 1 Gb - Low Profile)	3, 6	2
Emulex (HBA: FC64 - Full Height)	5, 7	2
Emulex (HBA: FC64 - Low Profile)	3, 6	2
Emulex (HBA: FC32 - Full Height)	5, 7	2
Emulex (HBA: FC32 - Low Profile)	3, 6	2
Emulex (HBA: FC16 - Full Height)	5, 7	2
Emulex (HBA: FC16 - Low Profile)	3, 6	2
Intel (NIC: 100 Gb - Full Height)	5, 7	2
Intel (NIC: 100 Gb - Low Profile)	3, 6	2
Intel (NIC: 25 Gb - Full Height)	5, 7	2
Intel (NIC: 25 Gb - Low Profile)	3, 6	2
Intel (NIC: 10 Gb - Full Height)	5, 7	2
Intel (NIC: 10 Gb - Low Profile)	3, 6	2
Intel (NIC: 1 Gb - Full Height)	5, 7	2
Intel (NIC: 1 Gb - Low Profile)	3, 6	2
Mellanox (NIC: 100 Gb - Full Height)	5, 7	2
Mellanox (NIC: 100 Gb - Low Profile)	3, 6	2
Mellanox (NIC: 25 Gb - Full Height)	5, 7	2
Mellanox (NIC: 25 Gb - Low Profile)	3, 6	2
Mellanox (NIC: HDR100 VPI - Low Profile)	3, 6	2
Mellanox (NIC:HDR VPI - Low Profile)	3, 6	2
QLogic (NIC: 25 Gb - Full Height)	5, 7	2
QLogic (NIC: 25 Gb - Low Profile)	3, 6	2
QLogic (HBA: FC32 - Full Height)	5, 7	2
QLogic (HBA: FC32 - Low Profile)	3, 6	2
QLogic (HBA: FC16 - Full Height)	5, 7	2
QLogic (HBA: FC16 - Low Profile)	3, 6	2
QLogic (NIC: 10 Gb -Full Height)	5, 7	2
QLogic (NIC: 10 Gb - Low Profile)	3, 6	2
Dell (External adapter - Full Height)	5, 7	2
Dell (External adapter - Low Profile)	3, 6	2

Table 18. Configuration12-2:R1D+R2A+R3A+R4A (HL) (continued)

Card type	Slot priority	Maximum number of cards
Samsung (PCIe SSD)	3, 6, 5, 7	4
Intel (PCIe SSD)	3, 6, 5, 7	4
Broadcom (OCP: 25 Gb)	Internal slot	1
QLogic (OCP: 25 Gb)	Internal slot	1
Mellanox (OCP: 25 Gb)	Internal slot	1
SolarFlare (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 10 Gb)	Internal slot	1
QLogic (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 1 Gb)	Internal slot	1
Intel (OCP: 1 Gb)	Internal slot	1

Table 19. Configuration13-1: R1A+R2A+R3A (FL)

Card type	Slot priority	Maximum number of cards
Dell BOSS-S2 Adapter	Internal slot	1
Dell BOSS-S1 card module (Low Profile)	3, 6	2
FOXCONN (HBA355E, H840, HBA - 12 GBPS) (Full Height/ Low profile)	3, 6	2
Broadcom (NIC: 100 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 25 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 10 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 1 Gb - Low Profile)	3, 6	2
Emulex (HBA: FC64 - Low Profile)	3, 6	2
Emulex (HBA: FC32 - Low Profile)	3, 6	2
Emulex (HBA: FC16 - Low Profile)	3, 6	2
Intel (NIC: 100 Gb - Low Profile)	3, 6	2
Intel (NIC: 25 Gb - Low Profile)	3, 6	2
Intel (NIC: 10 Gb - Low Profile)	3, 6	2
Intel (NIC: 1 Gb - Low Profile)	3, 6	2
Mellanox (NIC: 100 Gb - Low Profile)	3, 6	2
Mellanox (NIC: 25 Gb - Low Profile)	3, 6	2
Mellanox (NIC: HDR100 VPI - Low Profile)	3, 6	2
Mellanox (NIC:HDR VPI - Low Profile)	3, 6	2
QLogic (NIC: 25 Gb - Low Profile)	3, 6	2

Table 19. Configuration13-1: R1A+R2A+R3A (FL) (continued)

Card type	Slot priority	Maximum number of cards
QLogic (HBA: FC32 - Low Profile)	3, 6	2
QLogic (HBA: FC16 - Low Profile)	3, 6	2
QLogic (NIC: 10 Gb - Low Profile)	3, 6	2
Dell (External adapter - Low Profile)	3	1
Samsung (PCIe SSD)	3, 6	2
Intel (PCIe SSD)	3, 6	2
Broadcom (OCP: 25 Gb)	Internal slot	1
QLogic (OCP: 25 Gb)	Internal slot	1
Mellanox (OCP: 25 Gb)	Internal slot	1
SolarFlare (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 10 Gb)	Internal slot	1
QLogic (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 1 Gb)	Internal slot	1
Intel (OCP: 1 Gb)	Internal slot	1

Table 20. Configuration13-2: R1A+R2A+R3A (HL)

Card type	Slot priority	Maximum number of cards
Dell Serial port	4, 8	2
Dell BOSS-S2 Adapter	Internal slot	1
Dell BOSS-S1 card module (Full Height)	2, 5	2
Dell BOSS-S1 card module (Low Profile)	3, 6	2
FOXCONN (HBA355E, H840, HBA - 12 GBPS) (Full Height/ Low profile)	3, 6, 5, 7	4
Broadcom (NIC: 100 Gb - Full Height)	2, 5	2
Broadcom (NIC: 100 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 25 Gb - Full Height)	2, 5	2
Broadcom (NIC: 25 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 10 Gb - Full Height)	2, 5	2
Broadcom (NIC: 10 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 1 Gb - Full Height)	2, 5	2
Broadcom (NIC: 1 Gb - Low Profile)	3, 6	2
Emulex (HBA: FC64 - Full Height)	2, 5	2
Emulex (HBA: FC64 - Low Profile)	3, 6	2
Emulex (HBA: FC32 - Full Height)	2, 5	2

Table 20. Configuration13-2: R1A+R2A+R3A (HL) (continued)

Card type	Slot priority	Maximum number of cards
Emulex (HBA: FC32 - Low Profile)	3, 6	2
Emulex (HBA: FC16 - Full Height)	2, 5	2
Emulex (HBA: FC16 - Low Profile)	3, 6	2
Intel (NIC: 100 Gb - Full Height)	2, 5	2
Intel (NIC: 100 Gb - Low Profile)	3, 6	2
Intel (NIC: 25 Gb - Full Height)	2, 5	2
Intel (NIC: 25 Gb - Low Profile)	3, 6	2
Intel (NIC: 10 Gb - Full Height)	2, 5	2
Intel (NIC: 10 Gb - Low Profile)	3, 6	2
Intel (NIC: 1 Gb - Full Height)	2, 5	2
Intel (NIC: 1 Gb - Low Profile)	3, 6	2
Mellanox (NIC: 100 Gb - Full Height)	2, 5	2
Mellanox (NIC: 100 Gb - Low Profile)	3, 6	2
Mellanox (NIC: 25 Gb - Full Height)	2, 5	2
Mellanox (NIC: 25 Gb - Low Profile)	3, 6	2
Mellanox (NIC: HDR100 VPI - Low Profile)	3, 6	2
Mellanox (NIC:HDR VPI - Low Profile)	3, 6	2
QLogic (NIC: 25 Gb - Full Height)	2, 5	2
QLogic (NIC: 25 Gb - Low Profile)	3, 6	2
QLogic (HBA: FC32 - Full Height)	2, 5	2
QLogic (HBA: FC32 - Low Profile)	3, 6	2
QLogic (HBA: FC16 - Full Height)	2, 5	2
QLogic (HBA: FC16 - Low Profile)	3, 6	2
QLogic (NIC: 10 Gb -Full Height)	5, 7	2
QLogic (NIC: 10 Gb - Low Profile)	3, 6	2
Dell (External adapter - Low Profile)	3, 6	2
Samsung (PCIe SSD)	3, 6, 2, 5	4
Intel (PCIe SSD)	3, 6, 2, 5	4
Broadcom (OCP: 25 Gb)	Internal slot	1
QLogic (OCP: 25 Gb)	Internal slot	1
Mellanox (OCP: 25 Gb)	Internal slot	1
SolarFlare (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 10 Gb)	Internal slot	1

Table 20. Configuration13-2: R1A+R2A+R3A (HL) (continued)

Card type	Slot priority	Maximum number of cards
QLogic (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 1 Gb)	Internal slot	1
Intel (OCP: 1 Gb)	Internal slot	1

Table 21. Configuration 14: R1B+R2A+R3B

Card type	Slot priority	Maximum number of cards
Dell Front PERC	Internal slot	1
Dell Serial	8	1
Dell BOSS Adapter (Full Height)	1, 2, 7, 8	2
Dell BOSS Adapter (Low Profile)	3, 6	1
FOXCONN (HBA355E, H840) (Full Height/ Low profile)	3, 6, 4, 5, 1, 2	2
FOXCONN (HBA - 12 GBPS) (Full Height)	4, 5, 1, 2	2
FOXCONN (HBA - 12 GBPS) (Low profile)	3, 6	2
Dell PERC Adapter	3, 2	1
Broadcom (NIC: 100 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 25 Gb - Full Height)	4, 5, 1, 2	4
Broadcom (NIC: 25 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 10 Gb - Full Height)	4, 5, 1, 2	4
Broadcom (NIC: 10 Gb - Low Profile)	3, 6	2
Broadcom (NIC: 1 Gb - Full Height)	4, 5, 1, 2	4
Broadcom (NIC: 1 Gb - Low Profile)	3, 6	2
Emulex (HBA: FC64 - Full Height)	4, 5, 1, 2	4
Emulex (HBA: FC64 - Low Profile)	3, 6	2
Emulex (HBA: FC32 - Full Height)	4, 5, 1, 2	4
Emulex (HBA: FC32 - Low Profile)	3, 6	2
Emulex (HBA: FC16 - Full Height)	4, 5, 1, 2	4
Emulex (HBA: FC16 - Low Profile)	3, 6	2
Intel (NIC: 100 Gb - Full Height)	4, 5, 1, 2	4
Intel (NIC: 100 Gb - Low Profile)	3, 6	2
Intel (NIC: 25 Gb - Full Height)	4, 5, 1, 2	4
Intel (NIC: 25 Gb - Low Profile)	3, 6	2
Intel (NIC: 10 Gb - Full Height)	4, 5, 1, 2	4
Intel (NIC: 10 Gb - Low Profile)	3, 6	2
Intel (NIC: 1 Gb - Full Height)	4, 5, 1, 2	4
Intel (NIC: 1 Gb - Low Profile)	3, 6	2

Table 21. Configuration 14: R1B+R2A+R3B (continued)

Card type	Slot priority	Maximum number of cards
Mellanox (NIC: 100 Gb - Full Height)	4, 5, 1, 2	4
Mellanox (NIC: 100 Gb - Low Profile)	3, 6	2
Mellanox (NIC: 25 Gb - Full Height)	4, 5, 1, 2	4
Mellanox (NIC: 25 Gb - Low Profile)	3, 6	2
Mellanox (NIC: HDR100 VPI - Low Profile)	4, 5, 1, 2	4
Mellanox (NIC:HDR VPI - Low Profile)	3, 6	2
QLogic (NIC: 25 Gb - Full Height)	4, 5, 1, 2	4
QLogic (NIC: 25 Gb - Low Profile)	3, 6	2
QLogic (HBA: FC32 - Full Height)	4, 5, 1, 2	4
QLogic (HBA: FC32 - Low Profile)	3, 6	2
QLogic (HBA: FC16 - Full Height)	4, 5, 1, 2	4
QLogic (HBA: FC16 - Low Profile)	3, 6	2
QLogic (NIC: 10 Gb -Full Height)	4, 5, 1, 2	4
QLogic (NIC: 10 Gb - Low Profile)	3, 6	2
Samsung (PCIe SSD)	3, 6, 4, 5, 1, 2	6
Intel (PCIe SSD)	3, 6, 4, 5, 1, 2	6
Broadcom (OCP: 25 Gb)	Internal slot	1
QLogic (OCP: 25 Gb)	Internal slot	1
Mellanox (OCP: 25 Gb)	Internal slot	1
SolarFlare (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 10 Gb)	Internal slot	1
QLogic (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 1 Gb)	Internal slot	1
FOXCONN (ASSY,CRD,CTL,H755,FRONT)	Internal slot	1
Intel (OCP: 1 Gb)	Internal slot	1

Table 22. Configuration 15: R1D + R4D

Card type	Supplier	Category
Dell BOSS-S2 Adapter	Internal slot	1
Broadcom (OCP: 25 Gb)	Internal slot	1
QLogic (OCP: 25 Gb)	Internal slot	1

Table 22. Configuration 15: R1D + R4D (continued)

Card type	Supplier	Category
Mellanox (OCP: 25 Gb)	Internal slot	1
SolarFlare (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 25 Gb)	Internal slot	1
Intel (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 10 Gb)	Internal slot	1
QLogic (OCP: 10 Gb)	Internal slot	1
Broadcom (OCP: 1 Gb)	Internal slot	1

PSU specifications

The PowerEdge R7525 system supports up to two AC or DC power supply units (PSUs).

⚠ WARNING: Instructions for the qualified electricians only:

System using -(48-60) V DC or 240 V DC power supplies are intended for restricted access locations in accordance with Articles 110-5, 110-6, 110-11, 110-14, and 110-17 of the National Electrical Code, American National Standards Institute (ANSI)/National Fire Protection Association (NFPA) 70.

240 V DC power supplies shall be connected to the 240 V DC outlet from certified power distribution units if applicable in country of use.

Power supply cords/jumper cords and the associated plugs/inlets/connectors shall have appropriate electrical ratings referencing the rating label on the system when used for connection.

Table 23. PowerEdge R7525 PSU specifications

PSU	Class (AC only)	Heat dissipation (maximum)	Frequency	Voltage	Current
700 W Mixed Mode	Titanium	2625 BTU/hr	50/60 Hz	200-240 V AC	4.1A
	N/A		DC	240 V DC	3.4A
800 W Mixed Mode	Platinum	3000 BTU/hr	50/60 Hz	100 -240 V AC	9.2 - 4.7 A
	N/A		DC	240 V DC	3.8 A
1100 W Mixed Mode	Titanium	4125 BTU/hr	50/60 Hz	100–240 V AC	12 A-6.3 A
	N/A		DC	240 V DC	5.2 A
1100 W (-48Vdc)	N/A	4265 BTU/hr	DC	-48 - -60 V DC	27 A
1400 W Mixed Mode	Platinum	5250 BTU/hr	50/60 Hz	100 - 240 V AC	12 - 8 A
	N/A		DC	240 V DC	6.6 A
1800 W Mixed Mode	Titanium	6000 BTU/hr	50/60 Hz	200-240 V AC	10A
	N/A		DC	240 V DC	8.2A
2400 W Mixed Mode	Platinum	9000 BTU/hr	50/60 Hz	100 - 240 V AC	16 A - 13.5 A
	N/A		DC	240 V DC	11.2 A
2800 W Mixed Mode	Titanium	10500 BTU/hr	50/60 Hz	200-240 V AC	15.6A
	N/A		DC	240 V DC	13.6A

- NOTE:** If a system with AC 1400 W PSU operate at low line 100-120 V AC, then the power rating per PSU is derated to 1050 W.
- NOTE:** : If a system with AC 2400 W PSU operate at low line 100-120 V AC, then the power rating per PSU is derated to 1400 W.
- NOTE:** When selecting or upgrading the system configuration, to ensure optimum power utilization, verify the system power consumption with the Dell Energy Smart Solution Advisor available at Dell.com/ESSA.

Serial Communication

To view the **Serial Communication** screen, power on the system, press F2, and click **System Setup Main Menu > System BIOS > Serial Communication**.

Table 24. Serial Communication details

Option	Description
Serial Communication	Selects serial communication devices (Serial Device 1 and Serial Device 2) in BIOS. BIOS console redirection can also be enabled, and the port address can be specified. This option is set to Off when there is no external serial port connected. This option is set to Auto when external serial port is connected.
Serial Port Address	Enables you to set the port address for serial devices. This option is set to COM1 when there is no external serial port connected. This option is set to Serial Device1=COM2, Serial Device 2=COM1 when there is an external serial port connected. NOTE: You can use only Serial Device 2 for the Serial Over LAN (SOL) feature. To use console redirection by SOL, configure the same port address for console redirection and the serial device. NOTE: Every time the system boots, the BIOS syncs the serial MUX setting that is saved in iDRAC. The serial MUX setting can independently be changed in iDRAC. Loading the BIOS default settings from within the BIOS setup utility may not always revert the serial MUX setting to the default setting of Serial Device 1.
External Serial Connector	Enables you to associate the External Serial Connector to Serial Device 1, Serial Device 2, or the Remote Access Device by using this option. This option is set to Serial Device 1 and grayed out when there is no external serial port connected. This option is set to Serial Device 1 or Serial Device 2 or Remote Access Device when there is an external serial port connected. NOTE: Only Serial Device 2 can be used for Serial Over LAN (SOL). To use console redirection by SOL, configure the same port address for console redirection and the serial device. NOTE: Every time the system boots, the BIOS syncs the serial MUX setting saved in iDRAC. The serial MUX setting can independently be changed in iDRAC. Loading the BIOS default settings from within the BIOS setup utility may not always revert this setting to the default setting of Serial Device 1.
Failsafe Baud Rate	Specifies the failsafe baud rate for console redirection. The BIOS attempts to determine the baud rate automatically. This failsafe baud rate is used only if the attempt fails, and the value must not be changed. This option is set to 115200 by default.
Remote Terminal Type	Sets the remote console terminal type. This option is set to VT100/VT220 by default.
Redirection After Boot	Enables or disables the BIOS console redirection when the operating system is loaded. This option is set to Enabled by default.