

Device Type	Device Vendor	Device Model	Device ID
-------------	---------------	--------------	-----------

Server

SERVER	Accton	RS2280	NA
SERVER	Ampere	Mt. Jade	NA
SERVER	Cisco	UCS C220 M7N	NA
SERVER	Cisco	UCS C225 M8N	NA
SERVER	Cisco	UCS C240 M5	NA
SERVER	Cisco	UCS C240 M7SN	NA
SERVER	Dell	R640	NA
SERVER	Dell	R650 ³	NA
SERVER	Dell	R650xs ³	NA
SERVER	Dell	R660	NA
SERVER	Dell	R740	NA
SERVER	Dell	R740xd	NA
SERVER	Dell	R750 ³	NA
SERVER	Dell	R750xs ³	NA
SERVER	Dell	R760	NA
SERVER	Dell	MX750c	NA
SERVER	Dell	MX760c	NA
SERVER	Dell	R6515	NA
SERVER	Dell	R6525	NA
SERVER	Dell	R6625	NA
SERVER	Dell	R7515	NA
SERVER	Dell	R7525	NA
SERVER	Dell	R7625	NA
SERVER	Dell	C6520	NA
SERVER	Dell	C6525	NA
SERVER	Dell	C6620	NA
SERVER	Fsas Technologies	PRIMERGY RX1440 M2 ⁴	NA
SERVER	Fsas Technologies	PRIMERGY RX2530 M6	NA
SERVER	Fsas Technologies	PRIMERGY RX2530 M7 ⁴	NA
SERVER	Fsas Technologies	PRIMERGY RX2540 M7 ⁴	NA

¹Linux Only

²Linux and Windows Only.

³Special Riser config with Dell custom BIOS.

⁴Special model for PRIMERGY CDI.

⁵Supported only on the updated Gen4 10 Slot enclosure.

⁶Need Firmware update to support this on EX-4410.

⁷Multiple models supported, including 200GbE/NDR200 and 400GbE/NDR.

⁸Only supported on select Gen5 enclosures.



LIQID

Hardware Compatibility List
Tested with Liquid

Device Type	Device Vendor	Device Model	Device ID
-------------	---------------	--------------	-----------

Server

SERVER	HPE	ProLiant DL380 Gen10	NA
SERVER	Inspur	i24	NA
SERVER	Inspur	Scorpio OCP	NA
SERVER	Intel	Xeon D1541	NA
SERVER	Intel	Xeon 6132	NA
SERVER	Intel	Xeon 6130	NA
SERVER	Intel	D50DNP	NA
SERVER	Jabil	J322-S	NA
SERVER	Lenovo	SR655	NA
SERVER	NVIDIA	Jetson Arm V8	NA
SERVER	Supermicro	AS-1114S-WN10RT	NA
SERVER	Supermicro	SYS-122H-TN	NA

GPU

GPU 	AMD	Radeon Vega 56	687f
GPU 	AMD	Radeon Vega 64	687f
GPU 	AMD	Radeon Pro WX9100	6861
GPU 	AMD	MI100	738c
GPU 	AMD	MI210	740f
GPU 	Groq	GC1-1019	0000
GPU 	Intel	Max 1100	0bda
GPU 	Intel	Intel Flex-140	0b2b
GPU 	Intel	Intel Flex-170	56c0
GPU 	NextSilicon	Maverick	0007
GPU 	NVIDIA	A100	20f1
GPU 	NVIDIA	A16	25b6
GPU 	NVIDIA	A30x (Only supported on 8 Slot)	NA
GPU 	NVIDIA	GTX_3070	2488
GPU 	NVIDIA	H100 ⁵	2331
GPU 	NVIDIA	H100 NVL	2321
GPU 	NVIDIA	H200 NVL ⁸	233b

¹Linux Only

²Linux and Windows Only.

³Special Riser config with Dell custom BIOS.

⁴Special model for PRIMERGY CDI.

⁵Supported only on the updated Gen4 10 Slot enclosure.

⁶Need Firmware update to support this on EX-4410.

⁷Multiple models supported, including 200GbE/NDR200 and 400GbE/NDR.

⁸Only supported on select Gen5 enclosures.

Device Type	Device Vendor	Device Model	Device ID
-------------	---------------	--------------	-----------

GPU

GPU 	NVIDIA	L4	27b8
GPU 	NVIDIA	L40	26b5
GPU 	NVIDIA	L40s ⁵	26b9
GPU 	NVIDIA	RTX6000/8000	1e30
GPU 	NVIDIA	RTX A6000	2230
GPU 	NVIDIA	T1000	1fb0
GPU 	NVIDIA	Tesla P100	15f8
GPU 	NVIDIA	Tesla V100	1db4
GPU 	NVIDIA	Tesla M4	1431
GPU 	NVIDIA	Tesla M10	13b0
GPU 	NVIDIA	Tesla T4	1eb8
GPU 	NVIDIA	Tesla K20Xm	1021
GPU 	NVIDIA	Tesla K80	102d
GPU 	NVIDIA	Titan X ¹	1b00
GPU 	NVIDIA	Titan XP ¹	1b02
GPU 	NVIDIA	Titan GV100 ¹	10ba
GPU 	NVIDIA	GeForce 1060 6GB ¹	1c03
GPU 	NVIDIA	Geforce Titan 1080 ¹	NA
GPU 	NVIDIA	Geforce Titan 1080ti ¹	1b06
GPU 	NVIDIA	Quadro P4000 ²	1bb1
GPU 	NVIDIA	Quadro P5000 ¹	1bb0
GPU 	NVIDIA	Quadro P6000 ¹	1b30
GPU 	NVIDIA	Quadro M2000M	13b0
GPU 	NVIDIA	Quadro GP100	15f0
GPU 	NVIDIA	Ampere A100 40GB	20f1
GPU 	NVIDIA	Ampere A2	25b6
GPU 	NVIDIA	Ampere A40	2235
GPU 	NVIDIA	Ampere A30	20b7
GPU 	NVIDIA	Ampere A10	2236

¹Linux Only

²Linux and Windows Only.

³Special Riser config with Dell custom BIOS.

⁴Special model for PRIMERGY CDI.

⁵Supported only on the updated Gen4 10 Slot enclosure.

⁶Need Firmware update to support this on EX-4410.

⁷Multiple models supported, including 200GbE/NDR200 and 400GbE/NDR.

⁸Only supported on select Gen5 enclosures.

Device Type	Device Vendor	Device Model	Device ID
-------------	---------------	--------------	-----------

SSD

SSD 	Intel	Optane P4801X	2701
SSD 	Kingston	a1000	NA
SSD 	LIQID	Element LQD3000	NA
SSD 	LIQID	Element LQD3250	NA
SSD 	LIQID	Element LQD3250d	NA
SSD 	LIQID	Element LQD3900	NA
SSD 	LIQID	Element LQD4500	NA
SSD 	LIQID	Element LQD4900	NA
SSD 	Micron	9200pro	5191
SSD 	Micron	9200max	5192
SSD 	Micron	7300	NA
SSD 	Phison	E7	5007
SSD 	Samsung	950 Evo	NA
SSD 	Samsung	950 Pro	NA
SSD 	Samsung	960 Evo	a802
SSD 	Samsung	960 Pro	NA
SSD 	Samsung	970 Pro	NA
SSD 	Samsung	PM963	a804
SSD 	Samsung	PM983	a808
SSD 	Samsung	PM1725	a821
SSD 	Samsung	PM1725A	a822
SSD 	Toshiba	XG3	010f
SSD 	Toshiba	XG5	0116
SSD 	Toshiba	XD5	0119
SSD 	Toshiba	XG6	011a
SSD 	Toshiba	NVME	2241
SSD 	Western Digital	DC SN640	NA

NIC

NIC 	Broadcom	BCM957508-P2100G	14e4
NIC 	Emulex	Saturn-X LightPulse	fc40

¹Linux Only

²Linux and Windows Only.

³Special Riser config with Dell custom BIOS.

⁴Special model for PRIMERGY CDI.

⁵Supported only on the updated Gen4 10 Slot enclosure.

⁶Need Firmware update to support this on EX-4410.

⁷Multiple models supported, including 200GbE/NDR200 and 400GbE/NDR.

⁸Only supported on select Gen5 enclosures.

Device Type	Device Vendor	Device Model	Device ID
-------------	---------------	--------------	-----------

NIC

NIC 	Emulex	Saturn-X LightPulse	f011
NIC 	Emulex	Saturn-X LightPulse	f015
NIC 	Emulex	Saturn-X LightPulse	f111
NIC 	Emulex	Saturn-X LightPulse	f112
NIC 	Emulex	Saturn-X	1001
NIC 	Emulex	Skyhawk NIC	0720
NIC 	Emulex	Skyhawk FCOE	0724
NIC 	Mellanox	27520 ConnectX 3	1007
NIC 	Mellanox	27700 ConnectX 4	1013
NIC 	Mellanox	27710 ConnectX 4	1015
NIC 	Mellanox	27640 InfiniBand ConnectX 5	15b3
NIC 	Mellanox	HDR ConnectX 6	101d
NIC 	Mellanox	28908 Infiniband ConnectX 6	101b
NIC 	Mellanox	BlueField_2_SOC	c2d3
NIC 	Mellanox/NVIDIA	BlueField_2	a2d6
NIC 	Mellanox/NVIDIA	BlueField_3	a2dc
NIC 	Mellanox/NVIDIA	MT2910 Family [ConnectX-7] ⁷	1021

FPGA

FPGA 	Bittware	IA_860m	0070
FPGA 	Intel	Arria 10	1013
FPGA 	Intel	Arria 10	09c4
FPGA 	Intel	PAC N3000	0d58
FPGA 	Intel	D5005	0b2b
FPGA 	Nallatech	385A	385a
FPGA 	NetInt	NetInt_t408	0202
FPGA 	Xilinx	Virtex 5	0127
FPGA 	Xilinx	Virtex 1525	6a90
FPGA 	Xilinx	Alevo	15b3
FPGA 	Xilinx	Spartan 5	1007

¹Linux Only

²Linux and Windows Only.

³Special Riser config with Dell custom BIOS.

⁴Special model for PRIMERGY CDI.

⁵Supported only on the updated Gen4 10 Slot enclosure.

⁶Need Firmware update to support this on EX-4410.

⁷Multiple models supported, including 200GbE/NDR200 and 400GbE/NDR.

⁸Only supported on select Gen5 enclosures.

Device Type	Device Vendor	Device Model	Device ID
-------------	---------------	--------------	-----------

RAID Card

RAID Card	GRAID	SR-1010	0x2531
-----------	-------	---------	--------

PDU

PDU	APC	AP8941	NA
PDU	APC	APDU9941	NA
PDU	APC	APDU9961	NA
PDU	APC	AP7911B	NA
PDU	CyberPower	PDU41001	NA
PDU	Server Technology	STV-4540C	NA
PDU	Server Technology	C1W16HR-2CAA5BAC	NA
PDU	Server Technology	STV-6502E	NA
PDU	Server Technology	STV-6501C	NA
PDU	Server Technology	C3W36RL-DQJE2MT2	NA

HBA

HBA	Inspur	Retimer	NA
HBA	Liquid	SRIS x8	NA
HBA	Liquid	SRIS x16	NA
HBA	Liquid	SRIS PCIE Gen4	NA
HBA	Liquid	MX U.2 HBA	NA
HBA	OSS	x16	NA
HBA	Serial Cables	Active x8	NA
HBA	Serial Cables	Active x16	NA
HBA	Serial Cables	Passive x4	NA

Cables

Cables	Genisys	1m	NA
Cables	Genisys	2m	NA
Cables	Serial Cables	.25m	NA
Cables	Serial Cables	.5m	NA
Cables	Serial Cables	1m	NA

¹Linux Only

²Linux and Windows Only.

³Special Riser config with Dell custom BIOS.

⁴Special model for PRIMERGY CDL.

⁵Supported only on the updated Gen4 10 Slot enclosure.

⁶Need Firmware update to support this on EX-4410.

⁷Multiple models supported, including 200GbE/NDR200 and 400GbE/NDR.

⁸Only supported on select Gen5 enclosures.

Device Type	Device Vendor	Device Model	Device ID
-------------	---------------	--------------	-----------

Cables

Cables	Serial Cables	2m	NA
--------	---------------	----	----

Expansion Chassis

EXP Chassis	AIC	JBOF	NA
EXP Chassis	AIC	JBOx (gen 4)	NA
EXP Chassis	Gigabyte	JBOF	NA
EXP Chassis	Inspur	GX4	NA
EXP Chassis	Liquid	EX-4410	NA
EXP Chassis	Liquid	EX-4420	NA
EXP Chassis	Liquid	JBOG (CocoLinks)	NA
EXP Chassis	OSS	Magma EB3450	NA
EXP Chassis	OSS	Magma EB3600	NA
EXP Chassis	OSS	4U-V (gen 4)	NA
EXP Chassis	OSS	4U-P (gen 4)	NA
EXP Chassis	Serial Cables	JBOF	NA
EXP Chassis	SerialTek	JBOF	NA
EXP Chassis	Supermicro	JBOF	SSG-136R-N32JBF

¹Linux Only

²Linux and Windows Only.

³Special Riser config with Dell custom BIOS.

⁴Special model for PRIMERGY CDI.

⁵Supported only on the updated Gen4 10 Slot enclosure.

⁶Need Firmware update to support this on EX-4410.

⁷Multiple models supported, including 200GbE/NDR200 and 400GbE/NDR.

⁸Only supported on select Gen5 enclosures.

LQD4500 (Honeybadger) Motherboard Compatibility List

AMD Client (Ryzen 3000)	AMD Prosumer (Threadripper 3000)	AMD Enterprise (Epyc 7000)	IBM PPC	Intel	Notes
Asus Crosshair Hero 8					AMD TR & Rome
Gigabyte x570 Ultra					Turn off ARI and set PIO
Asus x570 Pro					NA
	Asus Zenith Extreme 2				NA
		Gigabyte MZ92-FS0			Turn off bifurcation.
		Supermicro			NA
		Dell R7515			Turn off bifurcation.
			IBM Power9		NA
				TBA	NA

¹Linux Only

²Linux and Windows Only.

³Special Riser config with Dell custom BIOS.

⁴Special model for PRIMERGY CDI.

⁵Supported only on the updated Gen4 10 Slot enclosure.

⁶Need Firmware update to support this on EX-4410.

⁷Multiple models supported, including 200GbE/NDR200 and 400GbE/NDR.

⁸Only supported on select Gen5 enclosures.