

Marvell QLogic Adapters for Dell Servers



FUTURE-READY I/O

Marvell offers Dell EMC customers Future-ready I/O. From QLogic Fibre Channel to FastLinQ Ethernet technologies, Marvell helps customers scale, optimize, and evolve to meet changing business requirements. Marvell QLogic Fibre Channel adapters for Dell

PowerEdge Servers enable superior performance, greater virtualization density, and improved storage area network (SAN) deployment, diagnostics, and management. Marvell FastLinQ Ethernet adapters deliver advanced networking capabilities that eliminate I/O bottlenecks, conserve CPU

cycles and enable greater virtual machine (VM) densities in next-generation software-defined data centers.

Is your I/O Future-ready?

Dell OEM SKUs						
Speed/Protocol	QLogic Model	Factory Install	Customer Kit/APOS	Ports	Form Factor	Notes
32Gb Fibre Channel	QLE2740 (FH); QLE2740L (LP)	13G/14G: 403-BBMI (FH); 403-BBMN (LP)	13G/14G: 403-BBMJ (FH); 403-BBMO (LP)	1;1	PCI Express (FH and LP)	StorFusion technology included 13G: R630, R730, R730xd, R530, FC430, FC830, R930, M630, M830
	QLE2742 (FH); QLE2742L (LP)	13G/14G: 403-BBML (FH); 403-BBMM (LP)	13G/14G: 403-BBMK (FH); 403-BBMR (LP)	2;2	PCI Express (FH and LP)	StorFusion technology included 13G: R630, R730, R730xd, R530, FC430, FC830, R930, M630, M830 14G: 14G: R640, R740, R740XD, R840, R940 (FH), R940XA, R6415 (LP), R7415, R7425
	QME2742	544-BBCP	540-BCJG	2	Blade Server Mezzanine Card	MX740c, MX840c
16Gb Fibre Channel	QLE2690 (FH); QLE2690L (LP)	13G/14G: 403-BBMP (FH); 403-BBMW (LP)	13G/14G: 403-BBMV (FH); 403-BBMH (LP)	1;1	PCI Express (FH and LP)	StorFusion Technology included 13G: R630, R730, R730xd, R530, FC830, R930, M630, M830 14G: R540, R640, R740, R740XD, R840, R940 (FH), R940XA, R6415 (LP), R7415, R7425, T640 (FH), M640 VRTX, FC640
	QLE2692 (FH); QLE2692L (LP)	13G/14G: 403-BBMQ (FH); 403-BBMS (LP)	13G/14G: 403-BBMU (FH); 403-BBMT (LP)	2;2	PCI Express (FH and LP)	StorFusion Technology included 13G: R630, R730, R730xd, R530, FC430, FC830, R930, M630, M830 14G: R540, R640, R740, R740XD, R840, R940 (FH), R940XA, R6415 (LP), R7415, R7425, T640 (FH), M640 VRTX, FC640

Note: All Fibre Channel HBAs include SR optics aligned to the speed of the adapter.

Dell OEM SKUs						
16Gb Fibre Channel (Continue)	QLE2660 (FH); QLE2660L (LP)	13G: 406-BBBL (FH); 406-BBBE (LP)	13G: 406-BBBF (FH); 406-BBBG (LP)	1;1	PCI Express* (FH and LP)	13G: R630, R730, R730xd, R530, FC430, FC830, M630, M830, R930
	QLE2662 (FH); QLE2662L (LP)	13G: 406-BBBJ (FH); 406-BBBC (LP)	13G: 406-BBBB (FH); 406-BBBH (LP)	2;2	PCI Express (FH and LP)	13G: R630, R730, R730xd, R530, FC430, FC830, R930
	QME2662	13G: 543-BBBP	13G: 543-BBCT	2	Blade Server Mezzanine Card	13G: M630, M830, 14G: M640
	QME2692	544-BBCO	540-BCJF	2	Blade Server Mezzanine Card	MX740c, MX840c
8Gb Fibre Channel	QLE2560	13G/14G: 406-BBEB (FH); 406-BBED (LP)	332-0007 (FH); 342-3549 (LP)	1	PCI Express (FH and LP)	13G: R330, R630, R730, R730xd, T630, R430, R530, FC430, FC830 14G: R440, R540, R640, R740, R740XD, R840, R940 (FH), T440 (FH), T640 (FH), FC640
	QLE2 562	13G/14G: 406-BBDZ (FH); 406-BBCV (LP)	13G/14G: 406-BBEV (FH); 406-BBEL (LP)	2	PCI Express (FH and LP)	13G: R330, R630, R730, R730xd, R930, T630, R430, R530, FC430, FC830 14G: R440, R540, R640, R740, R740XD, R840, R940 (FH), T440 (FH), T640 (FH), FC640 (LP)
	QME2572	13G: 543-BBBP	13G: 341-8044	2	Blade Server Mezzanine Card	13G: M630, M830 14G: M640
25Gb Ethernet	QL45212	540-BBPZ (FH); 540-BBQB (LP)	540-BBQR (FH); 540-BBQQ (LP)	2	PCI Express (FH and LP)	13G: R430, R530, R630, R730, R730xd, C6230
	QL41262	540-BBYL (FH); 540-BBZJ	14G: 540-BBYI (FH); 540-BBZO (LP)	PCI/25GbE SFP28	PCI Express (FH and LP)	14G: R440, R540, R640, R740, R740XD, R740XD2, R840, R940 (FH), R940XA, R6415 (LP), R7415, R7525, T640 (FH), C6420 (LP), FC640 (LP)
	QL41262 rNDC	555-BDYC	555-BDYD	2x10/25G SFP28	Rack NDC	14G: R640, R740, R740XD, R840, R940, R940XA, R7425
	QL41262 sNDC CNA	543-BBDI	540-BCJE	2x25GbE SFP28	Blade Server Mezzanine Card	MX740c, MX840c
	QL41232 sNDC L2 NIC	543-BBDJ	540-BCJD	2x25GbE SFP28	Blade Server Mezzanine Card	MX740c, MX840c
10Gb Ethernet (Continue)	QL41112	14G: 540-BBYK (FH); 540- BBZI (LP)	14G: 540-BBYH (FH); 540-BBZM (LP)	2x10GbE SFP+	PCI Express (FH and LP)	14G: R440, R540, R640, R740XD, R740XD2, R840, R940 (FH), R940XA, R6415 (LP), R7415, R7425, T640 (FH), C6420 (LP), M640 VRTX, FC640 (LP), M640 VRTX, FC640 (LP)
	QL41162	14G: 540-BBYJ (FH); 540- BBZK (LP)	14G: 540-BBYG (FH); 540-BBZN (LP)	2x10GbE 10GBT	PCI Express (FH and LP)	14G: R440, R540, R640, R740XD, R740XD2, R840, R940 (FH), R940XA, R6415 (LP), R7415, R7425, T640 (FH), C6420 (LP), M640 VRTX, FC640 (LP)
	QL41164	540-BCHG (FH); 540- BCHC (LP)	540-BCHH (FH); 540- BCHF (LP)	4x10GBT	PCI Express (FH and LP)	14G: R440, R540, R640, R740XD, R740XD2, R840, R940 (FH), R940XA, R6415 (LP), R7415, R7425, T640 (FH), C6420 (LP), FC640 (LP)
	QL41164	540-BCHE (FH Only)	540-BCHD (FH Only)	4x10G SFP+	PCI Express (FH Only)	14G: R440, R540, R640, R740XD, R740XD2, R840, R940 (FH), R940XA, R6415 (LP), R7415, R7425, T640 (FH), C6420 (LP), FC640 (LP)

Note: 10GbE SFP adapters do not ship with Optical Transceivers. Please use Dell's 10Gb Optics.

Dell OEM SKUs						
10Gb Ethernet (Continue)	QL41164 rNDC	555-BDYB	555-BDYG	4x10GBT	Rack NDC	14G: R640, R740, R740XD, R840, R940, R940XA, R7425
	QL41164 rNDC	555-BDXY	555-BDYE	4x10G SFP+	Rack NDC	14G: R640, R740, R740XD, R840, R940, R940XA, R7425
	QL41264 rNDC	555-BDYH	555-BDXZ	2x1GE+ 2x10GE	Rack NDC	14G: R640, R740, R740XD, R840, R940, R940XA, R7425
	QL41162 rNDC	555-BDYF	555-BDXX	2+2 10GBT	Rack NDC	14G: R640, R740, R740XD, R840, R940, R940XA, R7425
	57840S 10GbE KR Blade NDC (4x10G)	12G & 13G: 540-BBCQ	12G & 13G: 407-0021	4x10GbE KR	Blade NDC	13G: M630, FC630, FC830, M830, 14G: M640, M640 VRTX, FC640
	57810S Dual-Port 10GbE KR Blade Converged Mezzanine Card	12G: 430-4401 13G: 543-BBCE	12G: 430-4457 13G: 543-BBCP	2	Blade Server Mezzanine Card	13G: M630, 14G: M640
	57810S Dual-Port 10GbE SFP+ CNA	12G: 430-4421 (FH1); 430-4422 (LP2) 13G /14G: 540-BBCV (FH); 540-BBBJ (LP)	12G: 430-4415 (FH); 430-4414 (LP) 13G /14G: 540-BBGS (FH); 540-BBDX (LP)	2x10GbE SFP+	PCI Express (FH and LP)	13G: R330, R430, R630, R730, R730xd,T630
	57810S Dual-Port 10GBASE-T CNA	13G: 540-BBBN (FH); 540-BBBI (LP) 14G: 540-BBBD (FH); 540-BBFO (LP)	13G /14G: 540-BBGU (FH); 540-BBIU (LP)	2x10GbE 10GBT	PCI Express (FH and LP)	13G: R330, R430, R630, R730, R730xd,T630
	57800S Quad-Port SFP+ Rack Converged NDC	13G /14G: 540-BBBY	13G /14G: 540-BBFH	2x10GbE SFP+ and 2x1GbE 10GBT	Rack NDC	13G: R530, FC430, FC630, FC830, R630, R730, R730xd,T630 14G: R640, R740, R740xd, R940
	57800S Quad-Port 10GBASE-T Rack Converged NDC	13G: 540-BBBZ	13G: 540-BBFI	2x10GbE 10GBT and 2x1GbE 10GBT	Rack NDC	13G: R530, FC430, FC630, FC830, R630, R730, R730xd,T630 14G: R640, R740, R740xd, R940
	57840S Quad-Port 10GbE SFP+ Rack Converged NDC	13G: 540-BBCN	430-5141 13G: 540-BBEV	4x10GbE SFP+	Rack NDC	13G: R530, FC430, FC630, FC830, R630, R730, R730xd,T630
	57810S Dual-Port 10GbE Blade Converged NDC	13G: 542-BBBN	13G: 430-4458	2x10GbE	Blade NDC	13G: FC630, FC430, M630, 14G: M640, M640 VRTX, FC640

FH = low profile PCI Express form factor with standard height bracket installed, LP = low profile PCI Express form factor with low profile bracket installed.

Note: 10GbE SFP adapters do not ship with Optical Transceivers. Please use Dell's 10Gb Optics.

Dell S&P SKUs					
Speed/Protocol	QLogic Model	S&P SKU	Ports	Form Factor	Notes
32Gb Fibre Channel	QLE2740-SR-CK	A9895756	1	Full Height PCI Express	QLogic Channel Model
	QLE2742-SR-CK	A9048036	2	Low Profile PCI Express	QLogic Channel Model
	QLE2764-SR-CK	A9030780	4	Low Profile PCI Express	QLogic Channel Model
16Gb Fibre Channel	QLE2672-CK	A6740816	2	Low Profile PCI Express	QLogic Channel Model
	QLE2692-CK	A8971186	2	Low Profile PCI Express	QLogic Channel Model
	QLE2694-SR-CK	A8628748	4	Full Height PCI Express	QLogic Channel Model
	QLE2694L-CK	A8628752	4	Low Profile PCI Express	QLogic Channel Model
8Gb Fibre Channel	QLE2560-CK	A1568280	1	Low Profile PCI Express	QLogic Channel Model
	QLE2562-CK	A7401869	2	Low Profile PCI Express	QLogic Channel Model
25Gb Ethernet	QL41254HLCU-CK	AA527126	4	Full Height PCI Express	QLogic Channel Model
40Gb Ethernet	QL45411HLCU-CK	AA527113	1	Full Height PCI Express	QLogic Channel Model
	QL45412HLCU-CK	A9537826	2	Full Height PCI Express	QLogic Channel Model
100Gb Ethernet	QL45611HLCU-CK	A9141269	1	Full Height PCI Express	QLogic Channel Model

*Ships with a standard size bracket installed. A spare low profile bracket (-CK and -SP only) is also included.

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ABOUT MARVELL: Marvell first revolutionized the digital storage industry by moving information at speeds never thought possible. Today, that same breakthrough innovation remains at the heart of the company's storage, processing, networking, security and connectivity solutions. With leading intellectual property and deep system-level knowledge, Marvell semiconductor solutions continue to transform the enterprise, cloud, automotive, industrial, and consumer markets. For more information, visit www.marvell.com.

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