

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	QLE2770 (FH); QLE2770L (LP)	406-BBQB 406-BBPY	406-BBQD 406-BBQF	1; 1	PCIe Express (FH & LP)	14G: R640, R740, R740XD, R840, R940 (FH), R940XA, R6415(LP), R7415, R7425 15G: R6515 (LP), R7515, R7525
	QLE2772 (FH); QLE2772L (LP)	406-BBPZ 406-BBPX	406-BBQE 406-BBQG	2;2	PCIe Express (FH & LP)	14G: R640, R740, R740XD, R840, R940 (FH), R940XA, R6415(LP), R7415, R7425 15G: R6515 (LP), R7515, R7525
	QLE2742 (FH); QLE2742L (LP)	403-BBML (FH); 403-BBMM (LP)	403-BBMK (FH); 403-BBMR (LP)	2;2	PCI Express (FH and LP)	StorFusion technology included 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)	403-BBMP (FH); 403-BBMW (LP)	403-BBMV (FH); 403-BBMH (LP)	1;1	PCI Express (FH and LP)	StorFusion Technology included 14G: R540, R640, R740, R740XD, R840, R940 (FH), R940XA, R6415 (LP), R7415, R7425, T640 (FH), M640 VRTX, FC640 15G: R6515 (LP), R7515, R6525, R7525
	QLE2692 (FH); QLE2692L (LP)	403-BBMQ (FH); 403-BBMS (LP)	403-BBMU (FH); 403-BBMT (LP)	2;2	PCI Express (FH and LP)	StorFusion Technology included 14G: R540, R640, R740, R740XD, R840, R940 (FH), R940XA, R6415 (LP), R7415, R7425, T640 (FH), M640 VRTX, FC640 15G: R6515 (LP), R7515, R6525, R7525

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

Dell OEM SKUs						
16Gb Fibre Channel (Continue)	QME2662	543-BBBP	543-BBCT	2	Blade Server Mezzanine Card	14G: M640
	QME2692	544-BBCO	540-BCJF	2	Blade Server Mezzanine Card	MX740c, MX840c
8Gb Fibre Channel	QLE2562	406-BBDZ (FH); 406-BBCV (LP)	406-BBEV (FH); 406-BBEL (LP)	2	PCI Express (FH and LP)	14G: R440, R540, R640, R740, R740XD, R840, R940 (FH), T440 (FH), T640 (FH), FC640 (LP)
	QME2572	543-BBBP	341-8044	2	Blade Server Mezzanine Card	14G: M640
25Gb Ethernet	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, R7425, 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
	QL41232 (FH); QL41232 (LP)	540-BCNN (FH), 540-BCMI (LP)	540-BCNO (FH), 540-BCNS (LP)	2x 10/25GbE SFP28	PCIe Express (FH & LP)	15G: R6515 (LP), R6525, R7515, C6525 (LP), R7525
	QL41232	540-BCNU	540-BCOY	2x10/25GbE SFP28	OCP NIC 3.0	15G: R6525, C6525, R7525
10Gb Ethernet	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) VxRail P/V/S Series (FH), E/G Series (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) VxRail E/P/V/S/G Series
	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), VxRail E/P/V/S Series
	QL41164	540-BCHE (FH Only)	540-BCHD (FH Only)	4x10G SFP+	PCI Express (FH Only)	14G: R440, R540, R640, R740, R740XD, R740XD2, R840, R940, R940XA, R7415, R7425, T640 VxRail P/V/S Series

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 VxRail E/P/V/S Series
	QL41164 rNDC	555-BDXY	555-BDYE	4x10G SFP+	Rack NDC	14G: R640, R740, R740XD, R840, R940, R940XA, R7425 VxRail E/P/V/S Series
	QL41264 rNDC	555-BDYH	555-BDXZ	2x1GE+ 2x10GE	Rack NDC	14G: R640, R740, R740XD, R840, R940, R940XA, R7425
	QL41162 rNDC	555-BDYF	555-BDXX	2x 1Gb + 2x 10GBT	Rack NDC	14G: R640, R740, R740XD, R840, R940, R940XA, R7425
	57840S 10GbE KR Blade NDC (4x10G)	540-BBCQ	407-0021	4x10GbE KR	Blade NDC	14G: M640, M640 VRTX, FC640
	57810S Dual-Port 10GbE KR Blade Converged Mezzanine Card	543-BBCE	543-BBCP	2x 10GbE	Blade Server Mezzanine Card	14G: M640
	57810S Dual-Port 10GbE Blade Converged NDC	542-BBBN	430-4458	2x10GbE	Blade NDC	14G: M640, M640 VRTX, FC640
	QL41132	540- BCME (FH); 540-BCNQ (LP)	540-BCNR (FH); 540-BCNP (LP)	2X 10GbE Base-T	PCIe Express (FH & LP)	15G: R6515 (LP), R6525, R7515, R7525
	QL41132 OCP 3.0	540-BCNX	540-BCOX	2x 10GbE SFP+	OCP NIC 3.0	15G: R6525, C6525, R7525
	QL41132 OCP 3.0	540-BCNY	540-BCOW	2x 10GbE Base-T	OCP NIC 3.0	15G: R6525, C6525, R7525
	QL41154 OCP 3.0	540-BCSM	540-BCSN	4x 10GbE Base-T	OCP NIC 3.0	15G: R6525, C6525, R7525
	QL41154 OCP 3.0	540-BCSL	406-BBQC	4x 10GbE SFP+	OCP NIC 3.0	15G: R6525, C6525, R7525

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	Full Height 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

¹ 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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