

# QLogic Adapters for Dell Servers



### FUTURE-READY I/O

QLogic®, a Cavium™ company, offers Dell customers Future-ready I/O. From Fibre Channel to Ethernet technologies, QLogic helps customers scale, optimize, and evolve to meet changing business requirements.

QLogic Fibre Channel adapters for Dell PowerEdge Servers enable superior performance, greater virtualization density, and improved storage area network (SAN) deployment, diagnostics, and management. QLogic 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: R640, R740, R740xd, R940, R6415 (LP Only), R7415, R7425
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: R640, R740, R740xd, R940, R6415 (LP Only), R7415, R7425
	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: R640, R740, R740xd, R940, R6415 (LP Only), R7415, R7425
	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
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: R640, R740, R740xd, R940
	QLE2562	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: R640, R740, R740xd, R940
	QME2572	13G: 543-BBBP	13G: 341-8044	2	Blade Server Mezzanine Card	13G M630, M830
	QSA10602	CT-SC8000-4GB-DSP	--	-	PCI Express	SC8000 only

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

Dell OEM SKUs						
Speed/ Protocol	QLogic Model	Factory Install	Customer Kit/APOS	Ports	Form Factor	Notes
25Gb Ethernet	QL41262	14G: 540-BBYL (FH); 540-BBZJ	14G: 540-BBYI (FH); 540-BBZO (LP)	2x10/25GbE SFP28	PCI Express (FH and LP)	14G: R640, R740, R740xd, R940
	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 Rack NDC	555-BDYC	555-BDYD	2x10/25G SFP28	Rack NDC	14G: R640, R740, R740xd, R940
10Gb Ethernet	QL41112	14G: 540-BBYJ (FH); 540-BBZK (LP)	14G: 540-BBYH (FH); 540-BBZM (LP)	2x10GbE SFP+	PCI Express (FH and LP)	14G: R640, R740, R740xd, R940, R6415 (LP Only), R7415, R7425
	QL41162	14G: 540-BBYK (FH); 540-BBZI (LP)	14G: 540-BBYG (FH); 540-BBZN (LP)	2x10GbE 10GBT	PCI Express (FH and LP)	14G: R640, R740, R740xd, R94, R6415 (LP Only), R7415, R74250
	QL41164 Rack NDC	555-BDYB	555-BDYG	4x10GBT	Rack NDC	14G: R640, R740, R740xd, R940, R7415, R7425
	QL41164 Rack NDC	555-BDXY	555-BDYE	4x10G SFP+	Rack NDC	14G: R640, R740, R740xd, R940, R7415, R7425
	QL41264 Rack NDC	555-BDYH	555-BDXZ	2x1GE+2x10GE	Rack NDC	14G: R640, R740, R740xd, R940, R7415, R7425
	QL41162 Rack NDC	555-BDYF	555-BDXX	2+2 10GBT	Rack NDC	14G: R640, R740, R740xd, R940, R7415, R7425
	57840S 10GbE KR Blade NDC (4x10G)	12G & 13G: 540-BBCQ	12G & 13G: 407-0021	4x10GbE KR	Blade NDC	13G: M630, FC630, FC830, M830
	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
	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	

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	QLE2742-CK	A9048036	2	Low Profile PCI Express	QLogic Channel Model
16Gb Fibre Channel	QLE2692-CK	A8971186	2	Low Profile PCI Express	QLogic Channel Model
	QLE2672-CK	A6740816	2	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
4Gb Fibre Channel	QLE2460-CK	A0558288	1	Low Profile PCI Express	QLogic Channel Model
	QLE2462-CK	A0558289	2	Low Profile PCI Express	QLogic Channel Model
	QLE2464-CK	A7403257	4	Low Profile PCI Express	QLogic Channel Model
	QLE2462-E-SP	A7403263	2	Low Profile PCI Express	EMC® Firmware
	QLA2460-E-SP	A0562570	1	PCI-X	EMC Firmware
	QLA2462-E-SP	A7098406	2	PCI-X	EMC Firmware
	QLA2460-CK	A0558291	1	PCI-X	QLogic Channel Model
	QLA2462-CK	A0558303	2	PCI-X	QLogic Channel Model
10GbE NIC	QLE3242-CU-CK	A4649754	2	Low Profile PCI Express	Copper Interface, QLogic Channel Model
	QLE3440-SR-CK	A8227608	1	PCI Express LP	Ships with SR optical transceiver <sup>1</sup>
	QLE3440-CU-CK	A8227609	1	PCI Express LP	Ships with empty SFP+ cages (optics and cables are not included) <sup>1</sup>
	QLE3442-CU-CK	A8227610	2	PCI Express LP	Ships with empty SFP+ cages (optics and cables are not included) <sup>1</sup>
	QLE3442-RJ-CK	A8185738	2	PCI Express LP	Ships with RJ45 connectors (10GBASE-T). Intended for use with twisted pair copper cabling not included <sup>1</sup>
	QLE3442-SR-CK	A8227611	2	PCI Express LP	Ships with RJ45 connectors (10GBASE-T). Intended for use with twisted pair copper cabling not included <sup>1</sup>
10Gb FCoE	QLE8240-SR-CK	A7310919	1	Low Profile PCI Express	Switch Independent Partitioning; Ships with Optical SFPs; QLogic Channel Model
	QLE8242-SR-CK	A4608125	2	Low Profile PCI Express	Switch Independent Partitioning; Ships with Optical SFPs; QLogic Channel Model
	QLE8242-CU-CK	A4608127	2	Low Profile PCI Express	Switch Independent Partitioning; Copper SFP+ (requires Twinax cables); QLogic Channel Model
10GbE CNA	QLE8440-CU-CK	A8227612	1	PCI Express LP	Ships with empty SFP+ cages (optics and cables are not included) <sup>1</sup>
	QLE8440-SR-CK	A8227613	1	PCI Express LP	Ships with SR optical transceiver <sup>1</sup>
	QLE8442-CU-CK	A8227614	2	PCI Express LP	Ships with empty SFP+ cages (optics and cables are not included) <sup>1</sup>
	QLE8442-SR-CK	A8227615	2	PCI Express LP	Ships with SR optical transceivers <sup>1</sup>

<sup>1</sup> Ships with a standard size bracket installed. A spare low profile bracket (-CK and -SP only) is also included.

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