

# 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);<br>QLE2740L (LP) | 13G/14G: 403-BBMI (FH);<br>403-BBMN (LP) | 13G/14G: 403-BBMJ (FH);<br>403-BBMO (LP) | 1;1   | PCI Express (FH and LP)     | StorFusion technology included<br>13G: R630, R730, R730xd, R530, FC430, FC830, R930, M630, M830   |
|                    | QLE2742 (FH);<br>QLE2742L (LP) | 13G/14G: 403-BBML (FH);<br>403-BBMM (LP) | 13G/14G: 403-BBMK (FH);<br>403-BBMR (LP) | 2;2   | PCI Express (FH and LP)     | StorFusion technology included<br>13G: R630, R730, R730xd, R530, FC430, FC830, R930, M630, M830<br>14G: R640, R740, R740xd, R940, R6415 (LP Only), R7415, R7425 |
|                    | QME2742                        | 544-BBCP                                 | 540-BCJG                                 | 2     | Blade Server Mezzanine Card | MX740c, MX840c  |
| 16Gb Fibre Channel | QLE2690 (FH);<br>QLE2690L (LP) | 13G/14G: 403-BBMP (FH);<br>403-BBMW (LP) | 13G/14G: 403-BBMV (FH);<br>403-BBMH (LP) | 1;1   | PCI Express (FH and LP)     | StorFusion Technology included<br>13G: R630, R730, R730xd, R530, FC830, R930, M630, M830<br>14G: R640, R740, R740xd, R940, R6415 (LP Only), R7415, R7425        |
|                    | QLE2692 (FH);<br>QLE2692L (LP) | 13G/14G: 403-BBMQ (FH);<br>403-BBMS (LP) | 13G/14G: 403-BBMU (FH);<br>403-BBMT (LP) | 2;2   | PCI Express (FH and LP)     | StorFusion Technology included<br>13G: R630, R730, R730xd, R530, FC430, FC830, R930, M630, M830<br>14G: R640, R740, R740xd, R940, R6415 (LP Only), R7415, R7425 |
|                    | QLE2660 (FH);<br>QLE2660L (LP) | 13G: 406-BBBL (FH); 406-BBBE (LP)        | 13G: 406-BBBF (FH);<br>406-BBBG (LP)     | 1;1   | PCI Express® (FH and LP)    | 13G: R630, R730, R730xd, R530, FC430, FC830, M630, M830, R930   |
|                    | QLE2662 (FH);<br>QLE2662L (LP) | 13G: 406-BBBJ (FH); 406-BBBC (LP)        | 13G: 406-BBBB (FH);<br>406-BBBH (LP)     | 2;2   | PCI Express (FH and LP)     | 13G: R630, R730, R730xd, R530, FC430, FC830, R930   |
|                    | QME266                         | 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  |

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

| Dell OEM SKUs                   |  |  |  |                         |   |  |
|---------------------------------|--|--|--|-------------------------|---|--|
| 8Gb Fibre Channel               | QLE2560  | 13G/14G: 406-BBEB (FH);<br>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<br>14G: R640, R740, R740xd, R940       |
|                                 | QLE2562  | 13G/14G: 406-BBDZ (FH);<br>406-BBCV (LP)                                       | 13G/14G: 406-BBEV (FH);<br>406-BBEL (LP) | 2                       | PCI Express (FH and LP)                   | 13G: R330, R630, R730, R730xd, R930, T630, R430, R530, FC430, FC830<br>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  |
| 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  |
|                                 | 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                   | QL41112  | 14G: 540-BBYK (FH); 540-BBZI (LP)  | 14G: 540-BBYH (FH);<br>540-BBZM (LP)     | 2x10GbE SFP+            | PCI Express (FH and LP)                   | 14G: R640, R740, R740xd, R940, R6415 (LP Only), R7415, R7425   |
|                                 | QL41162  | 14G: 540-BBYJ (FH); 540-BBZK (LP)  | 14G: 540-BBYG (FH);<br>540-BBZN (LP)     | 2x10GbE 10GBT           | PCI Express (FH and LP)                   | 14G: R640, R740, R740xd, R94, R6415 (LP Only), R7415, R74250   |
|                                 | QL41164  | 540-BCHG (FH); 540-BCHC (LP)   | 540-BCHH (FH); 540-BCHF (LP)             | 4x10GBT                 | PCI Express (FH and LP)                   | 14G: R640, R740, R740xd, R940, R6415, R7415, R7425   |
|                                 | QL41164  | 540-BCHE (FH Only)   | 540-BCHD (FH Only)                       | 4x10G SFP+              | PCI Express (FH Only)                     | 14G: R640, R740, R740xd, R940, R6415, R7415, R7425   |
|                                 | 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, 14G: M640, M640 VRTX, FC640   |
|                                 | 57810S Dual-Port 10GbE KR Blade Converged Mezzanine Card                         | 12G: 430-4401<br>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)<br>13G /14G: 540-BBCV (FH);<br>540-BBBJ (LP) | 12G: 430-4415 (FH); 430-4414 (LP)<br>13G /14G: 540-BBGS (FH);<br>540-BBDX (LP) | 2x10GbE SFP+                             | PCI Express (FH and LP) | 13G: R330, R430, R630, R730, R730xd, T630 |  |

| Dell OEM SKUs            |  |  |   |                                |                         |   |
|--------------------------|--|--|---|--------------------------------|-------------------------|---|
| 10Gb Ethernet (Continue) | 57810S Dual-Port 10GBASE-T CNA                 | 13G: 540-BBBN (FH); 540-BBBI (LP)<br>14G: 540-BBBD (FH); 540-BBFO (LP) | 13G /14G: 540-BBGU (FH);<br>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<br>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<br>14G: R640, R740, R740xd, R940 |
|                          | 57840S Quad-Port 10GbE SFP+ Rack Converged NDC | 13G: 540-BBCN  | 430-5141<br>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 | 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  |
| 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 transceiver1  |
|                    | QLE3440-CU-CK | A8227609 | 1     | PCI Express LP          | Ships with empty SFP+ cages (optics and cables are not included)1                                       |
|                    | QLE3442-CU-CK | A8227610 | 2     | PCI Express LP          | Ships with empty SFP+ cages (optics and cables are not included)1                                       |
|                    | QLE3442-RJ-CK | A8185738 | 2     | PCI Express LP          | Ships with RJ45 connectors (10GBASE-T). Intended for use with twisted pair copper cabling not included1 |
|                    | QLE3442-SR-CK | A8227611 | 2     | PCI Express LP          | Ships with RJ45 connectors (10GBASE-T). Intended for use with twisted pair copper cabling not included1 |
|                    |               |          |       |                         |   |

| Dell S&P SKUs |               |          |   |                         |   |
|---------------|---------------|----------|---|-------------------------|---|
| 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)1                           |
|               | QLE8440-SR-CK | A8227613 | 1 | PCI Express LP          | Ships with SR optical transceiver1  |
|               | QLE8442-CU-CK | A8227614 | 2 | PCI Express LP          | Ships with empty SFP+ cages (optics and cables are not included)1                           |
|               | QLE8442-SR-CK | A8227615 | 2 | PCI Express LP          | Ships with SR optical transceivers1   |

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

### QLogic's Dedicated Global Dell Team

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