

# 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);<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><b>13G:</b> 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><b>13G:</b> R630, R730, R730xd, R530, FC430, FC830, R930, M630, M830<br><b>14G:</b> 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);<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><b>13G:</b> R630, R730, R730xd, R530, FC830, R930, M630, M830<br><b>14G:</b> R540, R640, R740, R740XD, R840, R940 (FH), R940XA, R6415 (LP), R7415, R7425, T640 (FH), M640 VRTX, FC640        |
|                    | 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><b>13G:</b> R630, R730, R730xd, R530, FC430, FC830, R930, M630, M830<br><b>14G:</b> 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)    | <b>13G:</b> 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)     | <b>13G:</b> R630, R730, R730xd, R530, FC430, FC830, R930   |
|                               | QME2662                     | 13G: 543-BBBP                         | 13G: 543-BBCT                         | 2                | Blade Server Mezzanine Card | <b>13G:</b> 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)     | <b>13G:</b> R330, R630, R730, R730xd, T630, R430, R530, FC430, FC830<br><b>14G:</b> 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)     | <b>13G:</b> R330, R630, R730, R730xd, R930, T630, R430, R530, FC430, FC830<br><b>14G:</b> 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 | <b>13G:</b> M630, M830<br><b>14G:</b> M640   |
| 25Gb Ethernet                 | QL41262                     | 540-BBYL (FH); 540-BBZJ               | 14G: 540-BBYI (FH); 540-BBZO (LP)     | PCI/25GbE SFP28  | PCI Express (FH and LP)     | <b>14G:</b> 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                    | <b>14G:</b> 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                     | 540-BCNN (FH)                         | 540-BCNO                              | 2x10/25GbE SFP28 | PCIe Express (FH)           | <b>15G:</b> R6525, R7515   |
|                               | QL41232                     | 540-BCMI (LP)                         | 540-BCNS                              | 2x10/25GbE SFP28 | PCIe Express (LP)           | <b>15G:</b> R6515, C6525   |
|                               | QL41132                     | 540-BCNU                              | 540-BCOY                              | 2x10/25GbE SFP28 | OCP NIC 3.0                 | <b>15G:</b> R6525, C6525   |
| 10Gb Ethernet                 | QL41112                     | 14G: 540-BBYK (FH); 540-BBZI (LP)     | 14G: 540-BBYH (FH); 540-BBZM (LP)     | 2x10GbE SFP+     | PCI Express (FH and LP)     | <b>14G:</b> 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)<br>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)     | <b>14G:</b> R440, R540, R640, R740XD, R740XD2, R840, R940 (FH), R940XA, R6415 (LP), R7415, R7425, T640 (FH), C6420 (LP), M640 VRTX, FC640 (LP)<br>VxRail E/P/V/S/G Series  |

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

| Dell OEM SKUs            |  |                                 |                                 |                  |                             |  |
|--------------------------|--|---------------------------------|---------------------------------|------------------|-----------------------------|--|
| 10Gb Ethernet (Continue) | QL41164  | 540-BCHG (FH);<br>540-BCHC (LP) | 540-BCHH (FH);<br>540-BCHF (LP) | 4x10GBT          | PCI Express (FH and LP)     | <b>14G:</b> 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)       | <b>14G:</b> R440, R540, R640, R740, R740XD, R740XD2, R840, R940, R940XA, R7415, R7425, T640 VxRail P/V/S Series  |
|                          | QL41164 rNDC   | 555-BDYB                        | 555-BDYG                        | 4x10GBT          | Rack NDC                    | <b>14G:</b> R640, R740, R740XD, R840, R940, R940XA, R7425 VxRail E/P/V/S Series  |
|                          | QL41164 rNDC   | 555-BDXY                        | 555-BDYE                        | 4x10G SFP+       | Rack NDC                    | <b>14G:</b> R640, R740, R740XD, R840, R940, R940XA, R7425 VxRail E/P/V/S Series  |
|                          | QL41264 rNDC   | 555-BDYH                        | 555-BDXZ                        | 2x1GE+<br>2x10GE | Rack NDC                    | <b>14G:</b> R640, R740, R740XD, R840, R940, R940XA, R7425  |
|                          | QL41162 rNDC   | 555-BDYF                        | 555-BDXX                        | 2+2 10GBT        | Rack NDC                    | <b>14G:</b> 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                   | <b>13G:</b> M630, FC630, FC830, M830, 14G: M640, M640 VRTX, FC640  |
|                          | 57810S Dual-Port 10GbE KR Blade Converged Mezzanine Card | 13G: 543-BBCE                   | 13G: 543-BBCP                   | 2                | Blade Server Mezzanine Card | <b>13G:</b> M630, 14G: M640  |
|                          | 57810S Dual-Port 10GbE Blade Converged NDC               | 13G: 542-BBBN                   | 13G: 430-4458                   | 2x10GbE          | Blade NDC                   | <b>13G:</b> FC630, FC430, M630, 14G: M640, M640 VRTX, FC640  |
|                          | QL41132  | 540-BCME (FH)                   | 540-BCNR                        | 2x 10GbE Base-T  | PCIe Express (FH)           | <b>15G:</b> R6515, R6525, R7515  |
|                          | QL41132  | 540-BCNQ (LP)                   | 540-BCNP                        | 2x 10GbE Base-T  | PCIe Express (LP)           | <b>15G:</b> R6515, R6525, R7515  |
|                          | QL41132 OCP 3.0  | 540-BCNX                        | 540-BCOX                        | 2x 10GbE SFP+    | OCP NIC 3.0                 | <b>15G:</b> R6525, C6525   |
|                          | QL41132 OCP 3.0  | 540-BCNY                        | 540-BCOW                        | 2x 10GbE Base-T  | OCP NIC 3.0                 | <b>15G:</b> R6525, C6525   |

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 |

<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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**MARVELL®**

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