Dell M8428-k
10Gb Converged Network Switch

10Gb
Ethernet
(DCB/FCoE)

- Dell 10Gb Converged Network Switch
  - DCB compliant design accommodates both NIC and Fibre Channel Over Ethernet I/O

- Single wide blade I/O module supporting all 10GbE capable M1000e fabric bays

- Robust I/O bandwidth solution with 28 active fixed ports
  - 16 internal server ports
  - 8 external 10Gb SFP+ Ethernet uplinks
    › Short-wave optical transceivers / fiber
    › Long-wave optical transceivers / fiber
    › Direct-Attach copper (TwinAx) transceiver+cable (1m, 3m, and 5m)
  - 4 external 8Gbps SFP+ native Fibre Channel uplinks
    › Pre-installed 8Gbps short-wave SFP+ optical transceivers enable quick and easy cable-and-go connections
    › Long-wave SFP+ optical transceivers also available

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Combine the Dell M8428-k converged network switch with the 11G **Broadcom 57712-k Select Network Adapter, Brocade BR1741M-k, QLogic QME8242-k, Intel X520-x/k** or 12G **Broadcom 57810S-k, Intel X520-x/k, and Qlogic QME8262-k** for end-to-end convergence within M1000e

1GbE Adapter Fabric A

Mezz Card Fabric B

Mezz Card Fabric C

10Gb Ethernet (DCB)

Optical Transceivers
Short Wave, Multi-Mode SFP+ Optics
Long Wave, Multi-Mode SFP+ Optics

Cables

SFP+ Direct Attach (copper)
twin-ax cable with SFP+ connector
(1m, 3m, 5m available)

Management Port

8Gbps Fibre Channel

Optical Transceivers
Short Wave, Multi-Mode SFP+ Optics
(qty 4 included with every M8248-k)

Long Wave, Multi-Mode SFP+ Optics

Cables

I/O bays

A^1/A^2

B^1/B^2

C^1/C^2