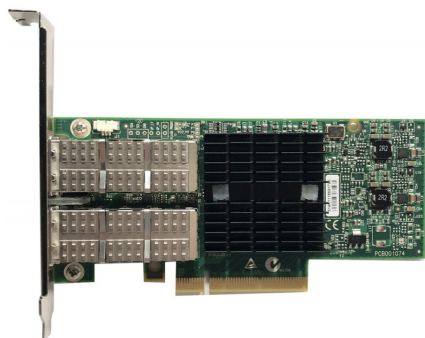


Mellanox MCX314A-BCBT Datasheet



Mellanox MCX314A-BCBT ConnectX-3 EN Dual 40/56GbE QSFP+ Port Ethernet Adapter, PCIe3.0 x8 8GT/s

MCX314A-BCBT

Genuine Mellanox MCX314A-BCBT ConnectX-3 EN Dual 40/56GbE QSFP+ Port Ethernet Adapter, PCIe3.0 x8 8GT/s

Mellanox ConnectX-3 EN 10/40/56 Gigabit Ethernet Network Interface Cards (NIC) with PCI Express 3.0 deliver high-bandwidth and industry-leading Ethernet connectivity for performance-driven server and storage applications in Enterprise Data Centers, High-Performance Computing, and Embedded environments.

Benefits

- 10/40/56GbE/s connectivity for servers and storage
- Industry-leading throughput and latency performance
- I/O consolidation
- Virtualization acceleration
- Software compatible with standard
- TCP/UDP/IP and iSCSI stacks

Key Features

- Single and Dual 10/40/56 Gigabit Ethernet ports

- PCI Express 3.0 (up to 8GT/s)
- Low Latency RDMA over Ethernet
- Data Center Bridging support
- TCP/IP stateless offload in hardware
- Traffic steering across multiple cores
- Hardware-based I/O virtualization
- Intelligent interrupt coalescence
- Advanced Quality of Service
- RoHS-R6

For more specifications of this MCX314A-BCBT, please visit below Mellanox website:

https://www.mellanox.com/related-docs/prod_adapter_cards/ConnectX3_EN_Card.pdf

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