

MPN: MC-PCIE-E810-CQDA2

# Network Card PCIe 4.0 ×16

## E810-CQDA2 Dual-100GbE

The Intel® E810-CQDA2 is a high-performance dual-port 100GbE network adapter designed for modern data centers, cloud infrastructures, and high-bandwidth enterprise environments. Built on the Intel® Ethernet 800 Series architecture, it leverages PCIe 4.0 ×16 interface and QSFP28 connectors to deliver ultra-fast, low-latency connectivity. With advanced features like Application Device Queues (ADQ), Dynamic Device Personalization (DDP), and support for RDMA protocols (iWARP and RoCEv2), this adapter ensures optimized throughput, scalability, and precision for demanding workloads such as NFV, HPC-AI, and 5G RAN deployments.



- Two QSFP28 ports supporting up to 100Gbps each, with flexible speed configurations (10/25/50/100GbE)
- PCIe 4.0 ×16 Interface, High-bandwidth connectivity for data-intensive applications and workloads
- Includes RDMA (iWARP & RoCEv2), Application Device Queues (ADQ), Dynamic Device Personalization (DDP), and Precision Time Protocol (PTP)
- Supports Windows Server 2022, Windows Server 2019, Windows 10/11 (Enterprise & Pro, 64-bit), and major Linux distributions
- Ideal for NFV, cloud computing, and edge deployments with enhanced packet processing and traffic management
- Includes 1 x User's Manual, 1 x CD-Driver, 1 x Low profile bracket

## Specifications

|                    |                            |                  |
|--------------------|----------------------------|------------------|
| Design             | Chipset                    | Intel EZE810CAM2 |
|                    | Internal                   | Yes              |
|                    | Recommended usage          | PC               |
| Network            | Maximum data transfer rate | 100000 Mbit/s    |
| Ports & interfaces | Connectivity technology    | Wired            |
|                    | Host interface             | PCI Express      |
|                    | Interface                  | QSFP28           |
| Vendor information | Brand Name                 | MicroConnect     |
|                    | Warranty                   | 25 Year(s)       |

## Other images

