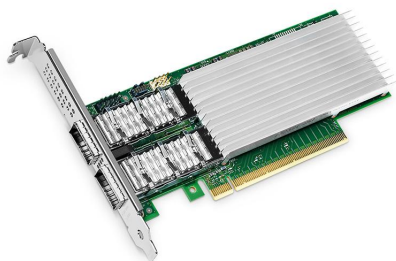# Intel E810CQDA2G2P5 Datasheet

Intel E810CQDA2G2P5 100GB Dual-Port PCI Express 4.0 x16 Ethernet Network Adapter

E810CQDA2G2P5

E810-CQDA2 adapters support a wide range of system configurations to meet customer needs and workload requirements. The many port and speed combinations available simplify validation and deployment. Using EPCT, these adapters can be programmed to act as many different physical network adapters, with a maximum throughput of 100Gbps.

Essentials

- Product Collection: 100GbE Intel® Ethernet Network Adapter E810
- Status: Launched
- Launch Date: Q3'20
- Vertical Segment: Server
- Cable Medium: Copper, Fiber
- Cabling Type: QSFP28 ports - DAC, Optics, and AOC's
- Bracket Height: Low Profile and Full Height

Networking Specifications

- Port Configuration: Dual

- Data Rate Per Port: 100/50/25/10GbE

- Intel® Virtualization Technology for Connectivity (VT-c): Yes

- Speed & Slot Width: 16 GT/s x16 lanes

- Controller: Intel Ethernet Controller E810

Package Specifications

- System Interface Type: PCIe 4.0 (16 GT/s)

Intel® Virtualization Technology for Connectivity

- On-chip QoS and Traffic Management: Yes

- Flexible Port Partitioning: Yes

- Virtual Machine Device Queues (VMDq): Yes

- PCI-SIG* SR-IOV Capable: Yes

Advanced Technologies

- iWARP/RDMA: Yes

- RoCEv2/RDMA: Yes

- Intel® Data Direct I/O Technology: Yes

- Intelligent Offloads: Yes

- Storage Over Ethernet: iSCSI, NFS

For more information of this Intel E810CQDA2G2P5, please visit Intel website:

https://www.intel.com/content/www/us/en/products/sku/192558/intel-ethernet-network-adapter-e810cqda2/specifications.html