Intel® Ethernet Network Adapter E810-CQDA2

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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
Supported Operating Systems	View now

Supplemental Information

Product Brief	View now

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

More support options for Intel® Ethernet Network Adapter E810-CQDA2

Product Support

Downloads and Software

Support Community

Warranty and Replacement

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Refer to Datasheet for formal definitions of product properties and features.

‡ This feature may not be available on all computing systems. Please check with the system vendor to determine if your system delivers this feature, or reference the system specifications (motherboard, processor, chipset, power supply, HDD, graphics controller, memory, BIOS, drivers, virtual machine monitor-VMM, platform software, and/or operating system) for feature compatibility. Functionality, performance, and other benefits of this feature may vary depending on system configuration.

“Announced” SKUs are not yet available. Please refer to the Launch Date for market availability.



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