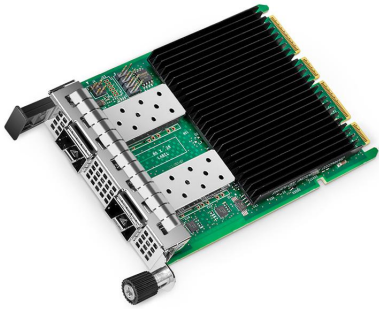# Intel E810XXVDA2OCPV3 Datasheet

Intel Ethernet Network Adapter OCP3.0 E810-XXVDA2

E810XXVDA2OCPV3

Intel Ethernet 800 Series network adapters improve application efficiency and network performance with innovative and versatile capabilities. With two 25GbE SFP28 ports and key performance optimizations, the E810-XXVDA2 for OCP 3.0 supports solutions across Cloud, Enterprise, and Communications.

The OCP NIC 3.0 specification defines a standardized design for a new generation of network adapters. Simple and straightforward form factors, clear manageability requirements, and improved serviceability help simplify deployment for current and emerging capabilities.

Essentials

Product Collection: 25GbE Intel® Ethernet Network Adapter E810

- Status: Launched
- Launch Date: Q3'20
- Vertical Segment: Server
- Cable Medium: Copper
- Cabling Type: SFP28 ports - DAC, Optics, and AOC's

- Bracket Height: OCP 3.0

Networking Specifications

- Port Configuration: Dual
- Data Rate Per Port: 25/10/1GbE
- Intel® Virtualization Technology for Connectivity (VT-c): Yes
- Speed & Slot Width: 16 GT/s x8 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 E810XXVDA2OCPV3, please visit Intel website:

https://ark.intel.com/content/www/us/en/ark/products/184815/intel-ethernet-network-adapter-e810xxvda2-for-ocp-3-0.html

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