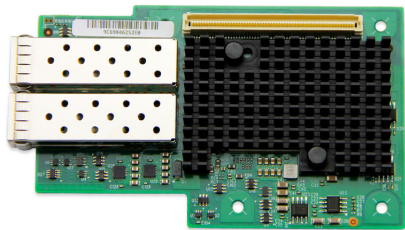# Intel XXV710-DA2-OCP2 Datasheet

Intel XXV710 25GbE Dual SFP28 Port Ethernet Server Network Adapter for OCP 2.0

XXV710-DA2-OCP2

As a founding member of Open Compute Project (OCP), Intel strives to increase the number of open solutions based on OCP specifications. The Intel Ethernet Network Adapter XXV710 for OCP is part of the Intel Ethernet 700 Series and offers 1/10/125GbE port speeds.

700 Series Network Adapters are the foundation for server connectivity, providing broad interoperability, critical performance optimizations and increased agility for Communications, Cload and Enterprise IT network solutions.

Intel Ethernet 700 Series delivers networking performance across a wide range of network port speeds through intelligent of offloads, sophisticated packet processing and quality open source drivers.

Essentials

- Product P/N: XXV710-DA2-OCP2

- Product Collection: 700 Series Network Adapters (up to 40GbE)
- Status: Launched
- Launch Date: Q4'17
- Vertical Segment: Server
- Cable Medium: Copper
- Cabling Type: SFP28 Direct Attach twinaxial cabling up to 5m / SFP28 SR Optics also supported (extended temp ONLY)
- Bracket Height: OCP form factor (Mezz 2.0 Type 1 and Type 2 Design Spec)
- Product Order Code: XXV710DA2OCP2
- Dimension: Standard OCP v2.0 form factor

Networking Specifications

- Port Configuration: Dual
- Data Rate Per Port: 25/10/1GbE
- Intel® Virtualization Technology for Connectivity (VT-c): Yes
- Speed & Slot Width: 8.0 GT/s, x8 lanes
- Controller: Intel Ethernet Controller XXV710

Package Specifications

- System Interface Type: PCIe 3.0 (8.0 GT/s)
- Board Form Factor: OCP

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: No
- RoCEv2/RDMA: No
- Intel® Data Direct I/O Technology: Yes
- Intelligent Offloads: Yes
- Storage Over Ethernet: iSCSI, NFS

For more specifications of XXV710-DA2-OCP2, pls visit Intel website below.

https://www.intel.com/content/www/us/en/products/sku/97303/intel-ethernet-network-adapter-xxv710da2-for-ocp/specifications.html

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