

Intel X710-DA2 Datasheet



Intel X710 10GbE Dual SFP+ Port Ethernet Converged Network Adapter

X710-DA2

The Intel Ethernet Converged Network Adapter X710 addresses the demanding needs of an agile data center by providing unmatched features for both server and network virtualization, flexibility for LAN and SAN networks and proven reliable performance.

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

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

Essentials

- Product P/N: X710-DA2

- Product Collection: 700 Series Network Adapters (up to 40GbE)
 - Status: Launched
 - Launch Date: Q4'14
 - Vertical Segment: Server
 - Cable Medium: Copper
 - Cabling Type: SFP+ Direct Attached Twinaxial Cabling up to 10m
 - Bracket Height: Low Profile and Full Height
 - Physical Dimensions: 167mm x 69mm
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- Product Order Code: X710DA2

Networking Specifications

- Port Configuration: Dual
- Data Rate Per Port: 10/1GbE
- Intel® Virtualization Technology for Connectivity (VT-c): Yes
- Speed & Slot Width: 8.0 GT/s, x8 lanes
- Controller: Intel Ethernet Controller X710-BM2

Package Specifications

- System Interface Type: PCIe 3.0 (8.0 GT/s)
- Bus Width: PCIe x8

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
- Intel® Ethernet Power Management: Yes
- Intel® Data Direct I/O Technology: Yes
- Intelligent Offloads: Yes
- Storage Over Ethernet: iSCSI, NFS

For more specifications of X710-DA2, please visit Intel website below.

<https://www.intel.com/content/www/us/en/products/sku/83964/intel-ethernet-converged-network-adapter-x710da2/specifications.html>

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