

# Intel X710-T4L Datasheet



Intel X710 10GbE Quad RJ45 Port Ethernet Network Adapter

X710-T4L

Simplify technology transitions with the Intel® Ethernet Network Adapter X710-T2L and X710-T4L. Autonegotiation between port speeds provides maximum flexibility in dual and quad-port 10GBASE-T configurations. These low-power adapters also support Energy Efficient Ethernet to efficiently reduce power consumption during periods of low data activity.

The X710-T2L and X710-T4L are part of the Intel® Ethernet 700 Series, 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-T4L
- Product Collection: 700 Series Network Adapters (up to 40GbE)
- Status: Launched
- Launch Date: Q3'20
- Vertical Segment: Server
- Cable Medium: Copper
- Cabling Type: RJ45 Category 6, Category 6A, Category 5e up to 100m
- Bracket Height: Low Profile and Full Height
- Physical Dimensions: 167mm x 69mm
- Product Order Code: X710T4L, X710T4LBLK

## Networking Specifications

- Port Configuration: Quad
- Data Rate Per Port: 10GbE/5GbE/2.5GbE/1GbE/100Mb
- Intel® Virtualization Technology for Connectivity (VT-c): Yes
- Speed & Slot Width: 8.0 GT/s, x8 lanes
- Controller: Intel® Ethernet Controller X710-TM4

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

For more specifications of X710-T4L, please visit Intel website below.

<https://www.intel.com/content/www/us/en/products/sku/189464/intel-ethernet-network-adapter-x710t4l/specifications.html>

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