

HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter



Overview

Do you require SDN features, low-latency and high-bandwidth in your data center?

The HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter offers the latest SDN features in a Standup form factor. The HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter is a feature rich, low power dual port PCIe v3.0 x8 lane adapter designed for use in HPE ProLiant Rack and Density Optimized servers.

Features

Outstanding I/O Performance in Virtualized Server Environments

Reduces I/O bottlenecks by providing intelligent offloads for networking traffic per virtual machine (VM), enabling near-native performance and VM scalability.

The single-root I/O virtualization (SR-IOV) allows an I/O device to be shared by multiple Virtual Machines (VMs), without losing runtime performance.

Dual-port PCIe 3.0,x8 lane 10Gb, designed for HPE ProLiant Rack/Tower and Density.

Data Plane Developer Kit (DPDK) optimized for efficient packet processing.

Network Virtualization is the Next Big Trend in Creating an Agile Data Center

Provides stateless offloads that preserve application performance for overlay networks. With these offloads it is possible to distribute network traffic across CPU cores.

VXLAN and NVGRE Offloads for stateless offloads preserves application performance for overlay networks and makes it possible to distribute network traffic across CPU cores.

Excellent small packet performance for network appliances and Network Function Virtualization (NFV).

Optimized servers providing up to 40Gb/s bi-directional near line rate throughput.

Technical specifications

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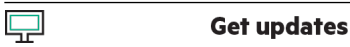
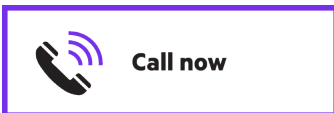
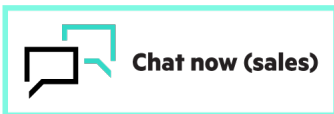
Technology	Network processor
Data rate	10Gb
Bus type	PCIe Gen3 x8
Form factor	Standup



For additional technical information, available models and options, please reference the [QuickSpecs](#)

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Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

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