

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](#)

HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

Consulting services

Experts can help you map out your path to hybrid cloud and optimize your operations.

Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

Operational services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

- HPE Complete Care Service: a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.
- HPE Tech Care Service: the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options

Defective Media Retention is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

HPE GreenLake

[HPE GreenLake edge-to-cloud platform](#) is HPE's market-leading as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model, on premises, fully managed in a pay per use model.

If you are looking for more services, like **IT financing solutions**, please explore them [here](#).

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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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