



# HPE ETHERNET 10GB 2-PORT SFP+ X710-DA2 ADAPTER

## Host Adapters



## 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

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

<b>Technology</b>	Network processor
<b>Data rate</b>	10Gb
<b>Bus type</b>	PCIe Gen3 x8
<b>Form factor</b>	Standup



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

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### Operational Services from HPE Pointnext Services

[HPE Pointnext Tech Care](#) provides fast access to product-specific experts, an AI-driven digital experience, and general technical guidance to help enable constant innovation. We have reimagined IT support from the ground up to deliver faster answers and greater value. By continuously searching for better ways to do things—as opposed to just fixing things that break—HPE Pointnext Tech Care helps you focus on achieving your business goals.

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**HPE Integration and Performance Services** help you customize your experience at any stage of your product lifecycle with a menu of services based on individual needs, workloads, and technologies.

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- Deploy
- Integrate and migrate
- Operate and improve
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- Retire and sanitize
- IT Training and personal development

### Other related services

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

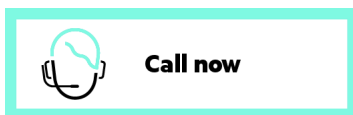
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Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired,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

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