



HPE ETHERNET 10GB 2-PORT SFP+ X520-DA2 ADAPTER

Host Adapters



OVERVIEW

Do you need a dual-port 10GbE low-cost, low-power adapter designed for your HPE ProLiant Gen8 and select G7 ML/DL/SL server? The HPE Ethernet 10Gb 2-port SFP+ X520-DA2 Adapter features both low-cost and low-power in a dual port PCIe v2.0 x8 form factor. The HPE Ethernet 10Gb 2-port SFP+ X520-DA2 Adapter addresses the demanding needs of the next-generation data center by providing unmatched features for virtualization and scalability that complement the HPE Gen8 server platform.

The HPE Ethernet 10Gb 2-port SFP+ X520-DA2 Adapter comes with both low profile and standard brackets and has two SFP+ cages that enable connections with DACs as well as SR fiber optic modules. It is SR-IOV ready and supports high performance networking features such as VLAN tagging, low latency interrupts, TCP and UDP checksum offloading, MSI-X, NIC teaming (bonding), Receive Side Scaling (RSS), jumbo frames, and PXE boot.

FEATURES

Addresses the Demanding Needs of the Next Generation Data Center

The HPE Ethernet 10Gb 2-port SFP+ X520-DA2 Adapter is an easy to install and configure PCIe v2.0 x8 adapter that fits in a standard PCIe slot and comes with low profile and standard brackets. Two SFP+ cages enable connections with DACs and SR fiber optic modules.

Delivers 20 Gb/s full duplex Ethernet transfer rate per port (40 Gb/s aggregate).

New I/O technologies increase performance, reduce system power and I/O latency, and support Precision Time Stamping protocol (IEEE 1588 and 802.1AS).

Optimized for virtualization (VLAN tagging, NetQueue, VMQ, VMDq).

Supports Wake-on-LAN (WOL) at 1 Gb, PXE, MSI-X, NIC teaming, IPv6, and HPE Sea of Sensors 3D Technology.

Technical specifications

HPE Ethernet 10Gb 2-port SFP+ X520-DA2 Adapter

Technology

Network processor

Warranty

Maximum: The remaining warranty of the HPE product in which it is installed (to a maximum three-year, limited warranty). Minimum: One year limited warranty.



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

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- Integrate and migrate
- Operate and improve
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- Greenlake Management Services
- Retire and sanitize
- IT Training and personal development

Other related services

[HPE Education Services](#) delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation. Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support 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

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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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