

HPE FLEXFABRIC 10GB 2-PORT FLR-SFP+ 57810S ADAPTER (700751-B21)

Host Adapters



OVERVIEW

Are you looking for a 10Gb Ethernet adapter with configurable flexibility to prepare for the new hybrid server infrastructure?

Increased data center workload demands are putting pressure on server I/O. The HPE FlexFabric 10Gb 2-port FLR-SFP+ 57810S Adapter increases throughput for the HPE ProLiant DL and SL Server series by using the innovative HPE FlexibleLOM form factor to offer dual-ports in an SFP+ adapter configuration that includes new storage I/O functionality, making it a full Converged Network Adapter. This is the solution of choice for workload-intensive computing environments. If you are looking for a 10GbE Adapter, the HPE FlexFabric 10Gb 2-port FLR-SFP+ 57810S Adapter offers everything you need plus the advanced features included in the FlexFabric series to simplifying your network and storage topology.

FEATURES

Accelerates Server Performance

The HPE FlexFabric 10Gb 2-port FLR-SFP+ 57810S Adapter boosts network performance with full line-rate 10GbE throughput across all ports.

Provides increased server performance by delivering full hardware offload for storage traffic.

Robust Virtualization Capabilities

The HPE FlexFabric 10Gb 2-port FLR-SFP+ 57810S Adapter delivers Single Root I/O Virtualization (SR-IOV) support to allow multiple operating systems to share a physical interconnect.

Enhances network management and efficiency with support for VLAN tagging.

Streamlines Deployment and Management

Makes BroadcomQLogic Ethernet solutions available across a wide range of HPE server platforms.

Unifies NIC and storage management using HPE ProActive Insight architecture.

Network Partitioning to Reduce Network Sprawl and Take Full Advantage of Bandwidth

Allowing administrators to configure a 10 Gb adapter as four separate partitions or physical functions. Eliminate multiple NICs, HBAs, cables consolidating multiple connections on to one network adapter.

Ideal for customers in virtual server environments by allowing them to segment the high performance connection and provide the right amount of network bandwidth to the applications.



Technical specifications**HPE FlexFabric 10Gb 2-port FLR-SFP+ 57810S Adapter**

Product Number	700751-B21
Technology	Network processor
Network processor	QLogic 57810S
Data rate	10Gb
Bus type	PCIe Gen2 x8
Form factor	A-LOM
Power	Typical - N/A Max - 9.0W
Server type supported	ProLiant servers
IEEE compliance	802.3, 802.3ae, 802.3x, 802.2x, 802.3ad, 802.1Qaz, 802.1Qau, 802.1Qbb, 802.1Qbg, 802.1ax
Compatible operating systems	Microsoft Windows Server 2008, Server 2008R2, and HPC Server 2008, 32 and 64-bit Microsoft Windows Server Hyper-V Red Hat Enterprise Linux 5.7 and 6.1 SLES 10 and 11 VMware 4.1u2 and 5.0u1 Solaris 10
Product Dimensions (metric)	6.2 x 16.76 x 13.79 cm
Weight	0.45 kg
Connector type	SFP+
Supported Cables	Active Optical Cable (AOC) Direct Attach Copper (DAC)



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.

[HPE Pointnext Complete Care](#) is a modular, edge-to-cloud IT environment service that provides a holistic approach to optimizing your entire IT environment, and achieving agreed upon IT outcomes and business goals through a personalized and customer-centric experience. All delivered by an assigned team of HPE Pointnext Services experts.

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
- Financial Services
- 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 Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

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.

Image may differ from the actual product
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