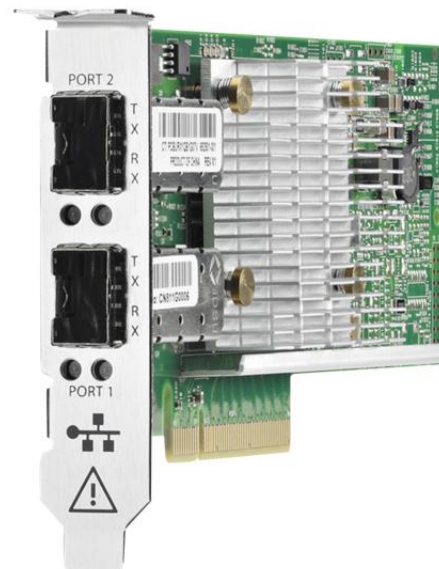




# HPE ETHERNET 10GB 2-PORT SFP+ 57810S ADAPTER

## Host Adapters



### OVERVIEW

Need a 10Gb Ethernet adapter that's big on performance small on power?

The HPE Ethernet 10Gb 2-port SFP+ 57810S Adapter is a dual-port 10 Gb Ethernet adapter in a PCIe 2.0 compliant form factor. Leveraging HPE's market-proven architecture and software, the HPE 530SFP+ delivers full line-rate performance across all ports with low power consumption. Support for Hewlett Packard Enterprise Sea of Sensors 3D Technology enhances server performance while reducing energy use and

expense. The HPE Ethernet 10Gb 2-port SFP+ 57810S Adapter supports enterprise class features such as VLAN tagging, adaptive interrupt coalescing, MSI-X, NIC teaming (bonding), Receive Side Scaling (RSS), jumbo frames, PXE boot and virtualization features such as VMware NetQueue and Microsoft VMQ.

## FEATURES

### Dual-port 10 Gb Ethernet Low Profile Adapter Designed for Greater Network Performance

Ethernet transfer rate of 20 Gbps full duplex per port (40 Gbps aggregate) improves response times and alleviates bottlenecks in next generation data centers.

Comprehensive stateless offloads optimize host efficiency and virtual machine density by offloading network processes from the host CPU.

Virtualization support for VMware NetQueue and Microsoft VMQ to meet the performance demands of consolidated virtual workloads. Ready for SR-IOV virtualization.

Support for MSI/MSI-X provides performance benefits for multi-core servers by load balancing interrupts between CPUs/cores.

TCP/IP Offload Engine (TOE) frees server CPU for other operations.

### Power, Performance and Integration are key to this 10Gb Ethernet adapter

Single-chip solution integrating PHY and MAC.

Up to 40 Gb/s bi-directional near line rate throughput.

Less than 8 watts total power dissipation.

## Technical specifications

## HPE Ethernet 10Gb 2-port SFP+ 57810S Adapter

<b>Data rate</b>	10Gb
<b>Bus type</b>	PCIe Gen2 x8
<b>Form factor</b>	Standup



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

## HPE POINTNEXT SERVICES

[HPE Pointnext Services](#) brings together technology and expertise to help you drive your business forward and prepare for whatever is next.

### 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.

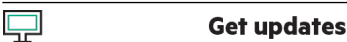
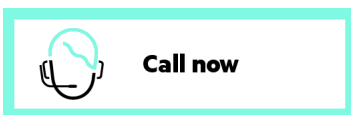
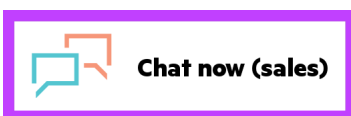
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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

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.

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