



# HPE SN1100Q 16GB HOST BUS ADAPTER

## Host Adapters



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## WHAT'S NEW

- Support for VM-ID and Buffer to Buffer Credit Recovery

## OVERVIEW

Looking for a [high-bandwidth HBA solution](#) to meet the requirements of increasing server virtualization and consolidation? Finding it difficult to realize the full bandwidth potential of your server running I/O intensive applications?

The HPE SN1100Q 16Gb Host Bus Adapters deliver twice the I/O performance of 8 Gb HBAs, it takes storage networking performance and efficiency to the next level. They enable rapid storage and retrieval of critical information when using high bandwidth cloud applications and storage intensive applications such as backup, database transactions and rich media. Designed for increased virtual machine density and bandwidth requirements, the SN1100Q 16Gb HBA products enable more applications and virtual machines to run on a single server and port, resulting in reduced cabling.

The SN1100Q 16Gb HBAs are backward compatible with 8 Gb and 4 Gb networks and will protect your current and future IT investments.

## FEATURES

### High-performance, Fibre Channel Host Bus Adapters

The HPE SN1100Q 16Gb Host Bus Adapters deliver twice the I/O performance of 8 Gb Fibre Channel (FC) HBAs.

Moving to 16 Gb technology provides the infrastructure required for the more powerful servers and data intensive applications in virtualized environments.

When using storage intensive applications like backup/restore, database transactions, virtualization and rich media, the improved I/O performance enables faster storage and retrieval of data.

Designed to support emerging Non-Volatile Memory Express (NVMe) over Fibre Channel storage network.

### High Performance and Enhanced Capability For Critical Workloads and High SLA Environments

The HPE SN1100Q 16Gb Fibre Channel Host Bus Adapters supports for N\_Port ID virtualization (NPIV) and industry standards-based Class-specific control (CS\_CTL), provides end-to-end quality of service (QoS).

Delivers 16Gbps line rate per physical port, and increases the number of virtual machines (VMs) per each physical HBA Port that can be supported.

Advanced diagnostics capabilities when used in conjunction with HPE B-series FC switches can reduce troubleshooting and downtime with support for features like D-port diagnostics, Link Cable Beacons (LCB), Read Diagnostic Parameters (RDP), enhanced FDMI, FC Ping and FC Trace Route.

Data center administrators do not need to concern themselves with multiple requests from the virtualized servers potentially creating conflict.

Improves host utilization and enhances application performance.

### Additional Bandwidth

The HPE SN1100Q 16Gb Host Bus Adapters allow IT departments to do more with less: less hardware, less power, less cooling, less personnel, and less budget.

They optimize existing resources by deploying an effective adaptive server solutions.

Scale physical resources through consolidation and virtualization.



# 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.

- Advise, design, and transform
- Deploy
- Integrate and migrate
- Operate and improve
- Financial Services
- Greenlake Management Services
- Retire and sanitize
- IT Training and personal development

## Other related services

Drives replaced by HPE due to malfunction.

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