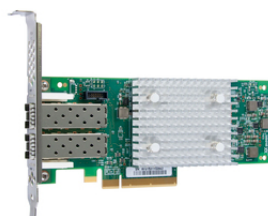# HPE SN1100Q 16GB DUAL PORT FIBRE CHANNEL HOST BUS ADAPTER (P9D94A)

Host Adapters

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 Beaconing (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.

Technical specifications

HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter

Product Number (SKU)	P9D94A
Compatible operating systems	Microsoft Windows Red Hat Linux SUSE Linux VMware Please visit www.hpe.com/storage/spock for the latest available information on Operating System support
Product Dimensions (metric)	30.5 x 21.6 x 11.4 cm
Weight	0.68 kg

Most, if not all IT organizations are on a digital transformation journey — each at a different stage. With over 11,000 IT projects conducted and 1.4 million customer interactions each year, HPE Pointnext Services' 15,000+ experts and its vast ecosystem of solution partners and channel partners are uniquely able to help you at every stage of your digital transformation. We bring together technology and expertise to help you drive your business forward and prepare for whatever is next.

Advisory and Professional Services help you accelerate your digital transformation. Operational Services help you remove complexity and respond rapidly to business demands.

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 Datacenter Care** helps modernize and simplify IT operations. Partner with an assigned account team, access technical expertise, an enhanced call experience gives you priority access, choose hardware and software support, implement proactive monitoring to help stay ahead of issues, and access HPE IT best practices and IP.

- **HPE Proactive Care** offers an enhanced call experience and helps reduce problems with personalized proactive reports and advice. This also includes collaborative software support for Independent Software Vendors (ISVs), (Red Hat, VMWare, Microsoft, etc.). Read more

- **HPE Foundation Care** helps when there is a problem and has a choice of response levels. Collaborative software support is included and provides troubleshooting help for ISVs running on your server. Read more.

Other related services

Defective Media Retention is optional and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

HPE Service Credits offers a menu of technical services, access additional resources, and specialist skills.

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.

HPE GREENLAKE

HPE Greenlake is HPE's market-leading IT as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model. HPE GreenLake delivers public cloud services and infrastructure for workloads on premises, fully managed in a pay per use model.

If you are looking for more services, like **IT financing solutions**, please explore them here.

Make the right purchase decision.
Contact our presales specialists.

Call for availability

Chat now (sales)

Call now

Buy now

Share now

Get updates

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