Hewlett Packard Enterprise

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
Minimum dimensions (H x W x D)	30.5 x 21.6 x 11.4 cm
Weight	0.68 kg

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Operational Services from HPE Pointnext Services

- **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 provides comprehensive training designed to expand the skills of your IT staff and keep them up to speed with the latest technologies.

Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.
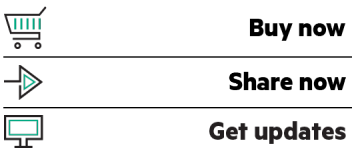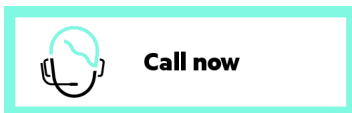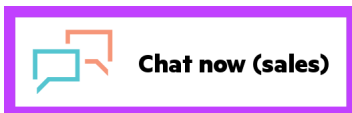
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HPE Greenlake is HPE's market-leading IT as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model. HPE GreenLake delivers public cloud services and infrastructure for workloads on premises, fully managed in a pay per use model.

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