

HPE SN4000B POWER PACK+ SAN EXTENSION SWITCH (E7Y73C)

B-series Switches



WHAT'S NEW

- Supports Restriction of Hazardous Substances Directive (RoHS) compliant requirements for RoHS 2016.
- Twenty-four 16 Gbps Fibre Channel ports, sixteen 1/10 Gigabit Ethernet (GbE) ports, and two 40 GbE ports.
- Addresses growing requirement for high availability/disaster recovery with demands for increased performance/throughput,

OVERVIEW

Today's IT organizations are under pressure to keep pace with the growing avalanche of data traffic between data centers and the changes driven by virtualized application workloads. Faced with this challenge, coupled with rising Service Level Agreement (SLA) requirements and recovery expectations, enterprise data centers need their disaster recovery plans to enable fast, continuous, and easy access to mission-critical data from anywhere in the world.

The HPE B-series SN4000B SAN Extension Switch with

manageability, and “always on” reliability.

- Hardware-based capabilities to optimize data transfers over the IP link.
- Provides multiple modes to optimize compression ratios for various throughput requirements.

Brocade Fabric Vision technology delivers unprecedented performance, continuous availability, and simplified management to handle the unrelenting growth of data traffic between data centers.

The HPE SN4000B is a purpose-built data center extension solution that maximizes performance and scalability for large, complex environments, allowing IT organizations to future-proof their storage extension infrastructure by adding more throughput capacity as their needs grow.

FEATURES

High Performance

The HPE B-series SN4000B moves more data faster and further with 16 Gb Fibre Channel and 40GbE ports, available with the HPE SN4000B WAN Rate Upgrade license.

The HPE B-series HPE SN4000B advanced performance and network optimization enable replication and backup applications to send more data over metro and WAN links in less time and to optimize available WAN bandwidth.

The HPE B-series SN4000B offers Twenty-four 16Gbps Fibre Channel ports, sixteen 1/10 Gigabit Ethernet (GbE) ports, and two 40GbE ports provide the bandwidth, port density, and throughput required for maximum application performance over WAN links.

Scalable and Flexible SAN Extension

The HPE B-series SN4000B leverages cost effective IP WAN transport to extend open systems and mainframe disk and tape storage applications over distances that would typically be impractical.

The HPE B-series SN4000B provides flexibility and investment protection to add advanced extension, FICON, and SAN fabric services for evolving virtual server requirements.

Simplified Disaster Recovery and Data Protection

The HPE B-series SN4000B supports simple point-to-point or comprehensive multisite SAN extension for a variety of strategic IT initiatives.

The HPE B-series SN4000B centralizes backup to consolidate infrastructure and administrative resources.

The HPE B-series SN4000B includes Built-in tools to validate conditions of the WAN links, network paths, and proper setup of FCIP configurations prior to deployment.

Integrated Architecture and Management

The HPE B-series SN4000B Utilizes the same Fabric OS (FOS) that supports the entire B-Series product family to ensure interoperability.

The HPE B-series SN4000B Leverages existing and familiar B-Series



management tools, including SAN Network Advisor, Web Tools, and the command line interface to simplify deployment and administration.

Technical specifications

HPE SN4000B Power Pack+ SAN Extension Switch

Product Number	E7Y73C
Port speed	16 Gb/s Fibre Channel 10/40 Gb/s Ethernet
Aggregate switch bandwidth	768 Gb/s Maximum
Encryption capability	IPSec
Protocol supported	Fibre Channel, Ethernet, FCIP
Availability features	Hot code load Ports on demand with no downtime
Form factor	2U
Software (optional)	Fabric Vision, SN4000B 10 Gb WAN Rate Upgrade License, SN4000B 40 Gb WAN Rate Upgrade License, SN4000B FICON Accelerator License



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

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Operational Services from HPE Pointnext Services

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- 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.

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