



HPE StoreFabric SN3600B 32Gb 24/8 Fibre Channel Switch (Q1H70B)

Storage Networking



What's new

- Updated product SKUs with change in warranty

Overview

Are you struggling to meet the I/O demands of hyperscale virtualization, cloud, or growing flash-based SANs? HPE StoreFabric SN3600B Fibre Channel Switch provides Gen6 32 Gb Fibre Channel (FC) in an ultra-dense 1U format from 8-ports up to 24-ports, and is affordable for limited budgets. It is capable of replacing three generations of FC with its backward compatibility with 4, 8, and 16 Gb FC for your investment protection. Designed to build a flash-ready infrastructure, it specifically adapts to business application needs. Applications requiring more throughput and lower latency can take

advantage of NVMe over FC ready support as well. SAN simplicity is achieved with a simple 3-step install process and SAN deployments with HPE 3PAR all-flash storage are automated using HPE Smart SAN for 3PAR software. Data reliability is enhanced with forward error correction (FEC) by automatically detecting and recovering bit error along with the HPE Power Pack+ software maintains efficient SAN-health.

Features

32 Gb FC Gen6 Affordability Without Compromise in Functionality

The HPE StoreFabric SN3600B Fibre Channel Switch delivers exceptional price-performance in an entry-level Gen6 FC switch.

Configurable with 16 Gb FC SFP+ or 32 Gb FC SFP+ optics to accommodate a customer's budget while being fully prepared for tomorrow.

Start with 8-ports and easily scale to 24-ports with 8-port POD as business adapts to SAN growth.

Flash-ready Performance

The HPE StoreFabric SN3600B Fibre Channel Switch provides market leading Gen6 throughput and low latency in an affordable 1U form factor.

Delivers increased performance with an aggregate bandwidth of 768 Gbps for growing and dynamic workloads.

Latency for locally switched ports is reduced to 900 nanoseconds (including FEC) through the use of cut-through switching at 32 Gbps ready for latency sensitive applications.

Augment with ISL trunking to provide more effective load balancing in certain configurations.

Integrates with flash storage fabrics that utilize NVMe over FC for latency sensitive applications and greater throughput.

Operational Simplicity

The HPE StoreFabric SN3600B Fibre Channel Switch can easily be installed and configured and simplifies SAN configuration in an easy 3-step process.

Integrates with HPE Smart SAN for HPE 3PAR to simplify all-flash storage SAN deployments through automated SAN orchestration (SAN zoning) from hours to minutes.

Easily validate infrastructure configurations, at the physical-level, with ClearLink Diagnostics before deploying the SAN into production.

Monitor and analyze virtual machine (VM) performance using HPE VM Insight Software to quickly identify abnormal VM behaviors to maintain performance service levels.

Supports HPE Power Pack+ software so that the SAN is healthy, easier to troubleshoot, and operating at peak performance.

Technical specifications**HPE StoreFabric SN3600B 32Gb 24/8 Fibre Channel Switch**

Product Number (SKU)	Q1H70B
Port speed	32 Gbps
Number of ports	(8 - 24) Fibre Channel Active Ports vary by model
Aggregate switch bandwidth	768 Gbps
Encryption capability	No
Protocol supported	Fibre Channel
Availability features	Hot code load ports on demand with no downtime
Form factor	1U
Management features	HPE Smart SAN HPE Power Pack+ Software bundle HPE SAN Network Advisor
BladeSystem supported	No
Upgradability	Varies by model
Models available	8-port Active Switch, 24-port Active Switch, 24-port Active PowerPack+ switch
Media type technology	B-series 32 Gb SFP+, 16 Gb SFP+
Software (optional)	HPE Power Pack+ software E-LTU/LTU 8-Port upgrade E-LTU/LTU SAN Network Advisor Software
Minimum dimensions (H x W x D)	42.88 x 30.66 x 4.29 cm
Weight	5.76 kg with one integrated power supply, without transceivers
Warranty - year(s) (parts/labor/onsite)	3/3/3

For additional technical information, available models and options, please reference the QuickSpecs

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Operational Services

- **HPE Flexible Capacity** is a new consumption model to manage on-demand capacity, combining the agility and economics of public cloud with the security and performance of on-premises IT.
- **HPE Datacenter Care** offers a tailored operational support solution built on core deliverables. It includes hardware and software support, a team of experts to help personalise deliverables and share best practices, as well as optional building blocks to address specific IT and business needs.
- **HPE Proactive Care** is an integrated set of hardware and software support including an enhanced call experience with start to finish case management helping resolve incidents quickly and keeping IT reliable and stable.
- **HPE Foundation Care** helps when there is a hardware or software problem offering several response levels dependent on IT and business requirements.

Advisory Services includes design, strategy, road map, and other services to help enable the digital transformation journey, tuned to IT and business needs. Advisory Services helps customers on their journey to Hybrid IT, Big Data, and the Intelligent Edge.

Professional Services helps integrate the new solution with project management, installation and startup, relocation services, and more. We help mitigate risk to the business so there is no interruption when new technology is being integrated in the existing IT environment.


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