Data sheet

HPE Storage Fibre Channel Switch B-series SN3600B

HPE SN3600B 32Gb 24/8 8-port 32Gb Short Wave SFP28 Fibre Channel Switch (R7R97A)



What's new

- Switches bundled with 8 active ports and 8 16Gb or 32Gb short-wave optics as well as 24 active port Power Pack Plus models with 24 16Gb or 32Gb SW optics. The new models include a lifetime warranty.
- Port-on-demand (POD) kits includes an upgrade license, activating 8 ports, and 8 Fibre Channel optics. The POD kits are available with 8 16Gb or 8 32Gb SW optics.

Overview

Are you struggling to meet the I/O demands of hyperscale virtualization, cloud, or growing flash-based SANs?
HPE Storage Fibre Channel Switch B-series SN3600B provides Gen6 32Gb Fibre Channel (FC) in an ultra-dense 1U format from 8-ports up to 24-ports, and is affordable for limited budgets. It can replace three generations of FC with its backward compatibility with 4, 8, and 16Gb 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 also take advantage of NVMe over FC ready support. 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 HPE 3PAR software. Data reliability is enhanced with forward error correction (FEC) by automatically detecting and recovering bit error along with HPE Power Pack+ software, which maintains efficient SAN-health.

Features

32 Gb FC Gen6 Affordability Without Compromise in Functionality

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

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

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

Flash-ready Performance

The HPE Storage Fibre Channel Switch B-series SN3600B provides market-leading Gen6 32Gb throughput and low latency in an affordable 1U form factor.

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

Latency for locally switched ports is reduced to 900 nanoseconds (including FEC) using cut-through switching at 32Gbps 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 Storage Fibre Channel Switch B-series SN3600B 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 Fabric Vision VM Insight, a feature of HPE B-series Fabric Vision 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 SN3600B 32Gb 24/8 8-port 32Gb Short Wave SFP28 Fibre Channel Switch
Product Number	R7R97A
Port speed	32Gb
Ports	8-ports active with 8 32Gb SW transceivers
Aggregate switch bandwidth	768 Gbps, maximum
Encryption capability	No
Protocol supported	Fibre Channel
Availability features	Hot code load ports on-demand with no downtime one fixed power supply with four integrated system cooling fans
Media types	Supports 32Gb and 16Gb transceivers
Upgradability	Activate additional ports using 8-port Port-On-Demand Kit upgrades
Software (optional)	SANnav, HPE Power Pack+ (Fabric Vision, ISL Trunking, Extended Fabric, Integrated Routing, and FICON CUP)
Form factor	1U
Warranty	Limited Lifetime Warranty: Lifetime - The warranty extends only for as long as the original end user owns the product and is limited to five (5) years from the end of sale date (end of service life). Hardware Replacement: Next Business Day - Includes coverage of hardware excluding optical transceivers for the entire warranty period. Software FOS Releases – As long as owned - Includes all generally available FOS releases offered for the specific products listed, when and if available, for as long as the original end user owns the product and the product has not reached end of service life. Does not include on-site support.

HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

Advisory & Professional services

Experts can help you map out your path to hybrid cloud and optimize your operations.

Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

Support services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

— **HPE Complete Care Service:** a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.

— **HPE Tech Care Service:** the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

— **HPE Multivendor Services:** Single point of accountability for managing on-site hardware and software support for multivendor products. HPE experts help manage your IT across technologies and platforms for HPE and non-HPE technologies, acting as the single point of contact for your IT operational needs.

Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options

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

GreenLake

GreenLake is the cloud to run and manage your entire hybrid landscape—private, public, and edge. It helps you to:

— Streamline IT Operations across compute, storage, and networking without the chaos

— Unify and secure data, as you move faster

— Accelerate AI, from pilot to production

The result: greater operational efficiency, lower TCO, and faster AI delivery—all from one unified, intelligent platform built for today's hybrid enterprise.

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

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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.

Image may differ from the actual product.

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