HPE SN3600B 32Gb 24/8 8-port 16Gb Short Wave SFP+ Fibre Channel Switch (R4G55B)



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.



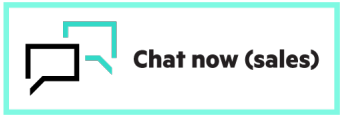
Technical specifications

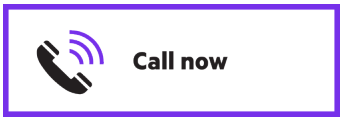
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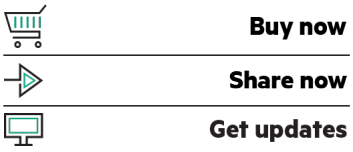
Product Number	R4G55B
Port speed	32Gb
Aggregate switch bandwidth	768 Gbps, maximum
Encryption capability	No
Protocol supported	Fibre Channel
Availability features	Hot code load ports on-demand with no downtime one fixed power supply with four integrated system cooling fans
Form factor	1U
Upgradability	Activate additional ports using 8-port Port-On-Demand Kit upgrades
Media types	Supports 32Gb and 16Gb transceivers
Ports	8-ports active with 8 16Gb SW transceivers
Software (optional)	SANnav, HPE Power Pack+ (Fabric Vision, ISL Trunking, Extended Fabric, Integrated Routing, and FICON CUP)

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

Make the right purchase decision.
Contact our presales specialists.







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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
PSN1013829556IEEN, April, 2024.

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