Hewlett Packard Enterprise

HPE SN3600B 32GB 24/24 FIBRE CHANNEL SWITCH (Q1H71B)

StoreFabric B-series Switches



WHAT'S NEW

- New SN3600B 16 Gb SFP bundled switch

OVERVIEW

Are you struggling to meet the I/O demands of hyperscale virtualization, cloud, or growing flash-based SANs?
HPE B-series 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 HPE Power Pack+ software maintains efficient SAN-health.

FEATURES

32 Gb FC Gen6 Affordability Without Compromise in Functionality

The HPE B-series 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 B-series 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 B-series 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 SN3600B 32Gb 24/24 Fibre Channel Switch

Product Number (SKU)	Q1H71B
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
BladeSystem supported	No
Upgradability	Varies by model
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

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

HPE POINTNEXT

Access expertise at every step of your IT journey with HPE Pointnext Services. Advisory Services focuses on your business outcomes and goals, to design your transformation and build a roadmap tuned to your unique challenges. Our Professional and Operational Services help speed up time-to-production and keep your IT stable and reliable.

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 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.

HPE GREENLAKE

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.

If you are looking for more services, like **IT financing solutions**, please explore them here.

Make the right purchase decision.
Contact our presales specialists.

Find a partner

Chat now (sales)

Buy now

Share now

Get updates

Hewlett Packard Enterprise

© Copyright 2020 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

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
PSN1011003866PLEN, July 23, 2020.