



HPE 8/24 SAN SWITCH

B-series Switches



WHAT'S NEW

- Compliance with the Restriction of Hazardous Substances (RoHS2) directive, 2016 RoHS requirements.

OVERVIEW

The HPE 8/24 8Gb FC SAN switch addresses the needs of SMB organizations as well as large enterprises by functioning as a standalone core switch or as lower-cost edge switch in large core-to-edge tiered storage networks.

The 8/24 FC SAN switches provides unprecedented investment protection. Auto-sensing ports that support backward compatibility with 1, 2, 4, and 8 Gbit/sec devices significantly reduce deployment complexity and costs, while providing compatibility with installed devices. Organizations that do not require 8 Gbit/sec interfaces can populate the new switches with 4 Gbit/sec SFPs, while preserving their ability to easily upgrade to 8 Gbit/sec SFPs in the future.

The 8/24 SAN Switch with 24 enabled ports may be deployed as a full-fabric switch or in Access Gateway mode, which provides connectivity into any SAN. Access Gateway mode utilizes NPIV switch standards to present Fibre Channel connections as logical devices to SAN fabrics.

FEATURES

High Performance

Includes simultaneous wire-speed support for all ports to provide a high-performance system with aggregate bandwidth of up to 384 Gbit/sec full duplex.

Provides the highest performance available, with complete backward and forward investment protection.

Simplifies SAN management, negating the need to map application performance requirements to port speeds.

High Scalability

Affordable 8Gb FC and comes with 16 enabled ports and supports “pay-as-you-grow” scalability to 24 enabled ports.

Provides seamless server connectivity to multi-vendor fabric environments, and allows a great number of servers to connect to a SAN fabric without increasing switch domain count.

Allows up to eight ports (at 2, 4, or 8 Gbit/sec speeds) between a pair of switches to be combined to form a single logical ISL with a speed of up to 64 Gbit/sec (128 Gbit/sec full duplex) for optimal bandwidth utilization and load balancing

Improved TCO

Optimizes fabric-wide performance and load balancing by automatically routing data to all available paths in the fabric.

Remove/avoid performance bottlenecks in high-density virtualized server environments.

Advanced fabric services to optimize SAN performance and resource utilization.

Investment Protection

Delivers low latency, power efficiency, and high reliability while providing a highly scalable and flexible platform for advanced fabric services.



Technical specifications**HPE 8/24 SAN Switch**

Port speed	8 Gb/s Fibre Channel
Number of ports	(16 - 24) Fibre Channel Range
Aggregate switch bandwidth	384 Gb/s Maximum
Encryption capability	No
Protocol supported	Fibre Channel
Availability features	Hot code load. Ports on demand with no downtime
Form factor	1U
Management features	B-series SAN Network Advisor. Integration with Storage Essentials
BladeSystem supported	No
Upgradability	Standard 16-ports 8-port on Demand upgrades. Upgrade from Base to Power Pack+
Models available	Full Fabric
Media type technology	B-series 4 Gb and 8 Gb SFPs
Software (required)	Advanced Fabric OS, Advanced Zoning, Web Tools
Software (optional)	Power Pack+ Software, Port Upgrade, SAN Network Advisor Professional+ and Enterprise
Minimum dimensions (H x W x D)	19.05 x 40.64 x 55.88 cm
Weight	6.89 kg



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

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- [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](#) provides comprehensive training designed to expand the skills of your IT staff and keep them up to speed with the latest technologies.

Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.

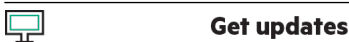
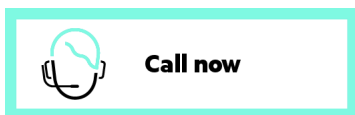
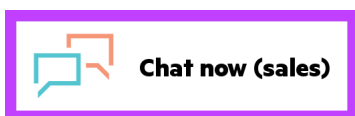
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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

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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