



Hewlett Packard
Enterprise

HPE SN6610C 32GB 8- PORT 32GB SHORT WAVE SFP+ FIBRE CHANNEL SWITCH (Q9D35A)

C-series Switches



WHAT'S NEW

- HPE C-series SAN Insights software licenses (1/3/5 yrs) that enables you to monitor, analyze, identify, and troubleshoot performance issues of the SAN fabrics.
- New DCNM switch-based SAN Management software license.

OVERVIEW

Are you looking for a high performance Fibre Channel switch for the modern storage area network?

The HPE C-series SN6610C Fibre Channel Switch delivers 32 Gbps Fibre Channel (FC) switching providing high-speed FC connectivity from the server rack to the SAN core. It empowers midsize, enterprise, and large enterprises that are rapidly deploying cloud-scale applications using extremely dense

virtualized servers, providing the dual benefits of greater bandwidth and consolidation. The switch offers state-of-art analytics and telemetry capability built into its ASIC platform. For increased flexibility, the HPE C-series SN6610C Fibre Channel Switch scales from 8- to 32-ports. Additionally, investing in this switch for the lower-speed (8 or 16 Gbps) server rack gives you the flexibility to upgrade to 32 Gbps performance in the future.

FEATURES

High Performance for All-flash Arrays and Virtualized Workloads

The C-series SN6610C Fibre Channel Switch provides consistent 32 Gbps low-latency performance across every FC port on the switch.

Delivers increased performance with an aggregate bandwidth of 1024 Gbps for growing and dynamic workloads.

Delivers the same outstanding availability and reliability as previous generation HPE C-series SN6010C Fibre Channel Switch by providing optional redundancy on all major components such as power supplies and fans.

Provides visibility into each virtual machine logged into the fabric through HBAs capable of priority tagging the Virtual Machine Identifier (VMID) on every FC frame.

On-board hardware that protects the entire system from malicious attacks by limiting access to critical components such as the bootloader, system image loader and Joint Test Action Group (JTAG) interface.

Investment Protection

The HPE C-series SN6610C Fibre Channel Switch provides an option to deploy as few as eight 32 Gbps Fibre Channel (FC) ports which can grow from 8 ports to 16 ports, and thereafter with a port expansion module. Expanding up to a maximum of 32 ports.

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

Lower initial investment and power consumption for entry-level configurations of up to 8 ports compared to a fully loaded 32-port switch.

Intelligent Network Services for Modern SAN

The HPE C-series SN6610C Fibre Channel Switch supports slow-drain detection and isolation, VSAN technology, access control lists for hardware-based intelligent frame processing, smart zoning, and other various services.

Includes VSAN technology provides a cost-effective way to consolidate resources while providing high resiliency to potential fabric disruptions.

Provides powerful Representational State Transfer (REST) and NX-API capabilities to enable flexible and rapid programming of utilities for the SAN.



Easy Manageability

The HPE C-series SN6610C Fibre Channel Switch provides intelligent diagnostics tools such as inter-switch link diagnostics, read diagnostic parameters, protocol decoding, network analysis tools, and others for improved reliability, faster problem resolution, and reduced service costs.

Consolidate separate physical SAN fabrics into one large fabric for ease of management and reduced total cost of ownership.

Cisco Data Center Network Manager (Essentials Edition) software, included with switch, provides a centralized management tool with task-based wizards. Additional advanced features are available with the DCNM licensed version, sold separately.

HPE C-series SAN Insights (Cisco SAN Analytics) delivers deep visibility into I/O traffic between the compute and the storage infrastructure. This information is in addition to the already-available visibility obtained from individual ports, switches, servers, virtual machines, and storage arrays.

Technical specifications

HPE SN6610C 32Gb 8-port 32Gb Short Wave SFP+ Fibre Channel Switch

Product Number (SKU)	Q9D35A
Port speed	32 Gbps Fibre Channel
Aggregate switch bandwidth	1024 Gbps, maximum, depending on model
Encryption capability	AES 128-bit
Protocol supported	Fibre Channel
Availability features	Delivers the same outstanding availability and reliability as previous generation HPE C-series SN6010C Fibre Channel Switches by providing optional redundancy on all major components such as power supplies and fans.
Form factor	1U
Upgradability	8-port upgrade license
Software (required)	NX-OS 8.2(1). DCNM support 10.4(1) onwards
Software (optional)	HPE SN6000C Enterprise Package License, HPE SN6000C Data Center Network Manager License, HPE SN6610C 8-port Upgrade License
Product dimensions (H x W x D)	1.72 x 17.3 x 20.11 in
Weight	9.1 kg with 16 activated ports 9.82 kg with 32 activated ports



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.

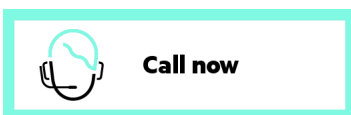
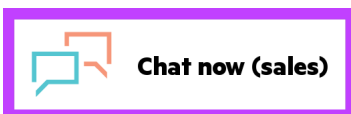
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