



HPE SN6620C 32GB 48/24 FIBRE CHANNEL SWITCH (R0P12A)

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-speed Fibre Channel connectivity for All-Flash arrays?

HPE C-series SN6620C Fibre Channel Switch delivers 32 Gbps FC switching providing high-speed FC connectivity from the server rack to the SAN core. It empowers small, midsize, and large enterprises that are rapidly deploying cloud-scale applications providing the benefits of greater bandwidth, scale, and consolidation. The switch allows seamless transition to Fibre Channel Non-Volatile Memory Express (FC-NVMe) workloads whenever available without any hardware upgrade in the SAN. For flexibility, the HPE C-series SN6620C Fibre Channel Switch scales from 24-48 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-speed Fibre Channel Connectivity for All-Flash Arrays

HPE C-series SN6620C 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 1536 Gbps for growing and dynamic workloads.

Supports the performance and scale required to deploy a dedicated and standalone FC SAN connecting both initiators and targets without requiring any other switching infrastructure.

Powered by the same high-performance 32 Gbps ASIC that powers the HPE C-series SN8500C 32 Gbps Fibre Channel Director portfolio.

FC-NVMe-ready SAN switch with enhanced buffer-to-buffer (B2B) credits connecting both storage and host ports and FC link encryption.

More Flexibility

HPE C-series SN6620C Fibre Channel switch provides an option to deploy as few as 24 32 Gbps FC ports in the entry-level variant, which can grow in increments of 8 ports to 48 ports.

Allow users to deploy them with 32 Gb, 16 Gb, or 8 Gb optics to accommodate their budget while being fully prepared for tomorrow.

Increased fabric scalability provides more flexibility for a variety of SAN architectures.

Easy Manageability

HPE C-series SN6620C Fibre Channel Switch supports enhanced diagnostic features such as inter-switch link (ISL) and host-bus-adapter (HBA) diagnostics, read diagnostic parameter, link cable beacon, and advanced reliability features such as forward error correction (FEC) with HBA ports.

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

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

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.

Intelligent Network Services for SAN

HPE C-series SN6620C 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.

Provides visibility into all virtual machines that are accessing the storage LUNs in the fabric and provide an end-to-end view for analytics.

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



Technical specifications**HPE SN6620C 32Gb 48/24 Fibre Channel Switch**

Product Number (SKU)	ROP12A
Port speed	32 Gbps Fibre Channel
Aggregate switch bandwidth	1536 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 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: 8.3(1) or later DCNM version: 11.0(1) or later
Software (optional)	HPE SN6000C Enterprise Package License, HPE SN6000C Data Center Network Manager (DCNM) License, HPE SN6620C 8-port Upgrade License
Product Dimensions (metric)	4.37 x 43.9 x 56.6 cm
Weight	7.57kg



Most, if not all IT organizations are on a digital transformation journey — each at a different stage. With over 11,000 IT projects conducted and 1.4 million customer interactions each year, [HPE Pointnext Services](#)' 15,000+ experts and its vast ecosystem of solution partners and channel partners are uniquely able to help you at every stage of your digital transformation. We bring together technology and expertise to help you drive your business forward and prepare for whatever is next.

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- **[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.



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

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