

# HPE SN6620C 32Gb 24-port 32Gb SFP+ Fibre Channel Switch (R0P13A)



## What's new

- New subscription-based Advantage and Premier license bundles with Cisco DCNM / Cisco Nexus Dashboard Fabric Controller (NDFC), Enterprise and SAN Analytics

## Overview

Are you looking for a high-speed Fibre Channel connectivity for NVMe/All-Flash arrays? HPE Storage Fibre Channel Switch C-series SN6620C delivers 32Gbps 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 Storage Fibre Channel Switch C-series SN6620C 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 32Gbps performance in the future.

## Features

### High-speed Fibre Channel Connectivity for NVMe/All-Flash Arrays

HPE Storage Fibre Channel Switch C-series SN6620C provides consistent 32Gbps low-latency performance across every FC port on the switch.

Delivers increased performance with an aggregate bandwidth of 1536Gbps 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 32Gbps ASIC that powers the HPE Storage Director Switch C-series SN8500C 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 Storage Fibre Channel Switch C-series SN6620C 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 32Gb, 16Gb, or 8Gb 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 Storage Fibre Channel Switch C-series SN6620C 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.

Starting from release 12.0.1a, DCNM is renamed as Cisco Nexus Dashboard Fabric Controller (NDFC).

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 Storage Fibre Channel Switch C-series SN6620C 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 24-port 32Gb SFP+ Fibre Channel Switch**

<b>Product Number</b>	ROP13A
<b>Port speed</b>	32Gb
<b>Aggregate switch bandwidth</b>	1536 Gbps, maximum
<b>Encryption capability</b>	SNMP V3 implementing AES, Cisco TrustSec payload encryption
<b>Protocol supported</b>	Fibre Channel
<b>Availability features</b>	Non-disruptive software upgrades, hot-swappable and dual redundant power supplies, hot-swappable fan module, hot-swappable SFP+ optics, stateful process restart
<b>Form factor</b>	1U
<b>Upgradability</b>	Activate additional ports using 8-port upgrade license
<b>Media types</b>	Supports 32Gb, 16Gb, and 8Gb Transceivers
<b>Ports</b>	24-port active with 24 32Gb SW transceivers
<b>Software (optional)</b>	Port upgrade license, Enterprise Package license, Cisco Data Center Network Manager (DCNM) license, SAN Insights (1/3/5 years), Advantage license (1/3/5 years), and Premier license (1/3/5 years)
<b>Product dimensions</b>	4.37 x 43.9 x 56.6 cm
<b>Weight</b>	8.5 kg



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

## HPE Services

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### Consulting services

Experts can help you map out your path to hybrid cloud and optimize your operations.

### Managed services

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### Operational services

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## HPE GreenLake

[HPE GreenLake edge-to-cloud platform](#) is HPE's market-leading 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, on premises, fully managed in a pay per use model.

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[PSN1011181795WWEN](#), April, 2024.