



Hewlett Packard
Enterprise

HPE SN6010C 16GB 12- PORT 16GB SHORT WAVE SFP+ FIBRE CHANNEL SWITCH (R0Q97A)

C-series Switches



WHAT'S NEW

- New DCNM switch-based license
- Newly bundled offering with 16 Gb SFPs

OVERVIEW

Are you looking for a high-performance Fibre Channel switch for departments, enterprises, or the edge?

The HPE C-series SN6010C Fibre Channel Switch is a high-performance, flexible, and cost-effective platform providing high-density, 16 Gbps ports for storage networking deployments in small, medium-sized, and large enterprise environments. This switch offers outstanding value by

providing high-availability, security, and ease of use at a cost-effective price in a compact one-rack-unit (1RU) form factor. With the flexibility to expand from 12 to 48 ports in 12-port increments, it offers the densities required to scale from an entry-level departmental switch to top-of-the-rack switch to edge connectivity in enterprise SANs. This switch delivers a non-blocking architecture, with all 48 4/8/16 Gbps ports operating at line rate concurrently. With dual redundant hot-swappable power supplies and fan trays, this switch offers high availability scalable to mission-critical deployments.

FEATURES

High Performance with Exceptional Flexibility

HPE C-series SN6010C Fibre Channel Switch includes 16 Gbps of dedicated bandwidth for each port and aggregate platform bandwidth of 768 Gbps, the HPE C-series SN6010C Fibre Channel Switch is designed to meet the performance and scalability requirements of the most demanding environments.

Compatible with HPE SN8000C (MDS 9500 Series) and HPE SN8500C (MDS 9700 Series) Multilayer Directors and MDS 9100 and 9200 Series Fabric Switches with up to 48 autosensing Fibre Channel ports capable of speeds of 16, 8, and 4 Gbps.

Offers flexibility to "pay as you grow" by scaling the HPE C-series SN6010C Fibre Channel Switch onsite by enabling additional ports by adding on-demand port activation licenses.

Intelligent Storage Networking Services at a Cost-effective Price

HPE C-series SN6010C Fibre Channel Switch supports innovative features such as virtual storage area network (VSANs), port channels, quality of service (QoS), SAN security, SAN management, hardware-enforced zoning, and in-service software upgrade (ISSU) at no additional cost to the user.

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

Provides advanced traffic management capabilities integrated into the HPE C-series SN6010C Fibre Channel Switch to simplify deployment and optimization of core-edge fabrics.

NPIV and NPV technology provides independent management for each virtual machine and scaling of SANs without reaching Fibre Channel domain ID limits.

High Availability Platform

HPE C-series SN6010C Fibre Channel Switch is designed for mission-critical environments in which downtime is unacceptable.

Offers non-disruptive software upgrades, dual hot-swappable power supplies (integrated fans for redundancy), hot-swappable fans, VSANs for fault isolation, port channels for ISL resiliency, and F-port trunking for resiliency on uplinks operating in NPV mode.



Simplified Management

HPE C-series SN6010C Fibre Channel Switch supports SAN plug-and-play capability as well as built-in storage network management, with all features available through a command-line interface (CLI) or the Data Center Network Manager for simplified storage management.

Data Center Network Manager software (included with switch) provides a centralized management tool with task-based wizards that simplifies management of a standalone switch or multiple switches and fabrics at no additional cost.

Common platform architecture and the use of MDS 9000 NX-OS Software intelligent storage networking services across all MDS 9000 Family switches reduce ongoing operating expenses by providing a consistent set of provisioning, management, and diagnostic capabilities.

Technical specifications

HPE SN6010C 16Gb 12-port 16Gb Short Wave SFP+ Fibre Channel Switch

Product Number (SKU)	R0Q97A
Port speed	16 Gbps Fibre Channel
Aggregate switch bandwidth	768 Gbps, maximum, depending on model
Encryption capability	AES 256-bit
Protocol supported	Fibre Channel
Availability features	Non-disruptive software upgrades, dual hot-swappable power supplies (with integrated fans for redundancy), and hot-swappable fans
Form factor	1U
Upgradability	12-port upgrade license
Software (required)	NX-OS 6.2(9) or later
Software (optional)	HPE SN6010C Enterprise Package License HPE SN6000C Data Center Network Manager License HPE SN6010C 12-port Upgrade License
Minimum dimensions (H x W x D)	4.37 x 43.59 x 41.50 cm
Weight	9 kg



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.

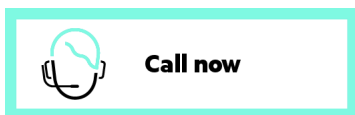
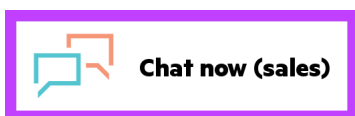
HPE GREENLAKE

[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.**

[Chat online](#)



 **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
[PSN1011638234UKEN](#), December, 2020.