Hewlett Packard Enterprise

HPE SN6640C 32GB 6-PORT FC/FCIP MULTISERVICE SWITCH (R8M66A)

C-series Switches

WHAT'S NEW

- New subscription-based Advantage license bundles with Cisco DCNM and Enterprise package

OVERVIEW

Are you looking for modern multiservice switch that supports multiple protocols?

The HPE C-series SN6640C Multiservice Switch is a flexible switch for deploying SAN extension solutions, distributed intelligent fabric services, and cost-effective multiprotocol connectivity for open systems. It offers advanced capabilities available only to director class switches. With a compact form

factor and advanced capabilities, the HPE C-series SN6640C Multiservice Switch is an ideal solution for departmental and remote branch-office SANs as well as in large-scale SANs in conjunction with HPE C-series SN8700C multilayer directors. The HPE C-series SN6640C Multiservice Switch offers up to twelve 32 Gbps Fibre Channel ports, four 1/10, and one 40 Gigabit Ethernet IP storage services ports, in a fixed One-Rack-Unit (1RU) form factor. It connects to existing native Fibre Channel networks, protecting current investments in storage networks.

FEATURES

High Density SAN Consolidation with Integrated Multiprotocol Support

The HPE C-series SN6640C Multiservice Switch is available in a base configuration of four ports of 32 Gbps Fibre Channel for high-performance SAN connectivity and two ports of 1/10 Gigabit Ethernet for FCIP storage services, running at a maximum speed of 1 Gbps.

It can be upgraded to enable an additional eight ports of 32 Gbps Fibre Channel by adding the on-demand upgrade license. The upgrade license also enables 10 Gigabit speed on the initial two Ethernet ports, two additional 1/10 Gigabit ports, two 25 Gigabit ports, and one 40 Gigabit port.

It provides flexible connectivity options toward datacenter switches, routers or DWDM systems. Both the 25G and 40G options can be very valuable for data with a lower level of compressibility, while the 1 G and 10 G options can meet the needs of small-medium organizations.

Remote SAN Extension with High-Performance FCIP

The HPE C-series SN6640C Multiservice Switch provides FCIP support for business continuity and disaster recovery as a standalone device and a FCIP SAN extension switch for HPE SN8700C Director.

This switch breaks the distance barriers of current Fibre Channel solutions with support for FCIP, enabling interconnection of SAN islands over extended distances.

You will get dramatically enhanced hardware-based FCIP compression performance for both high-bandwidth and low-bandwidth links, which provides immediate cost saving for expensive WAN infrastructure. Used with other hardware-based encryption, it provides high-performance SAN extension capabilities.

The switch supports hardware-based IPsec encryption for improved transmission security of sensitive data over extended distances. Hardware enablement of IPsec helps to provide high throughput.

Comprehensive Robust Network Security and Customization

The HPE C-series SN6640C Multiservice Switch supports hardware-based data compression and tape acceleration to enhance remote backup operations and allows more data to be transferred over WAN connections more cost effectively. Shift your budget from operations to innovation.

The switch supports a variety of security features to facilitate protection of your customer data. A variety of security techniques are supported such as encryption, switch authentication, data integrity, hardware-enforced zoning, and more across multiprotocol connectivity.

The switch offers a highly available solution that protects data from unauthorized access and keeps data private while meeting regulatory compliance and avoiding financial consequences of a security breach.
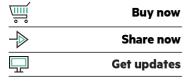
Technical specifications

HPE SN6640C 32Gb 6-port FC/FCIP Multiservice Switch

Product Number	R8M66A
Port speed	32 Gbps Fibre Channel, 1/10/40 GbE FCIP Ports
Aggregate switch bandwidth	384 FC Bandwidth
Encryption capability	Data at rest encryption
Protocol supported	FC, FCIP
Availability features	In-service software upgrade, stateful processes restart
Form factor	1U
Upgradability	The base configuration comes with four ports of 32 Gbps Fibre Channel enabled for high-performance SAN connectivity, and it can be upgraded on-site and online to enable an additional eight ports of 32 Gbps Fibre Channel by adding the on-demand upgrade license. The upgrade license also enables 10 Gigabit speed on the initial two Ethernet ports, two additional 1/10 Gigabit ports, and one 40 Gigabit port.
Software (required)	NX-OS 9.2(2) is required for advantage licenses
Software (optional)	Port upgrade license, Enterprise Package license, Cisco Data Center Network Manager (DCNM) license, Advantage license (1/3/5 yrs)
Product Dimensions (metric)	43.94 x 51.1 x 4.27 cm

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Operational Services from HPE Pointnext Services

HPE Pointnext Tech Care provides fast access to product-specific experts, an AI-driven digital experience, and general technical guidance to help enable constant innovation. We have reimagined IT support from the ground up to deliver faster answers and greater value. By continuously searching for better ways to do things—as opposed to just fixing things that break—HPE Pointnext Tech Care helps you focus on achieving your business goals.

HPE Pointnext Complete Care is a modular, edge-to-cloud IT environment service that provides a holistic approach to optimizing your entire IT environment, and achieving agreed upon IT outcomes and business goals through a personalized and customer-centric experience. All delivered by an assigned team of HPE Pointnext Services experts.

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- Deploy
- Integrate and migrate
- Operate and improve

- Financial Services
- Greenlake Management Services
- Retire and sanitize
- IT Training and personal development

Other related services

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.

Defective Media Retention is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

HPE GREENLAKE

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