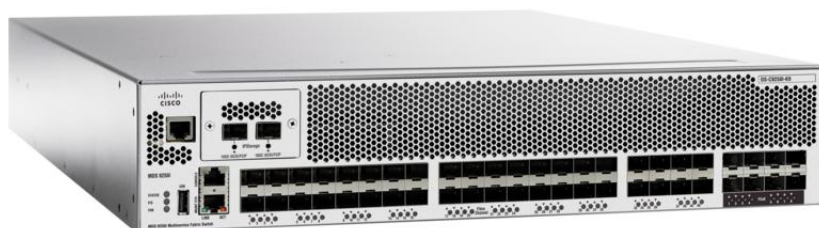




Hewlett Packard
Enterprise

HPE SN6500C 16GB FC/FCIP/FCOE MULTI- SERVICE SWITCH (E7Y64A)

C-series Switches



WHAT'S NEW

- New DCNM switch-based license
- Highly flexible industry leading proven Cisco MDS 9200 Series Multiservice switches delivering 16Gb FC/FCIP/FCoE.
- Supports SAN Extension solutions enabling backup, remote replication and other disaster recovery solutions over WAN distances with MDS 9700 Series (HPE

OVERVIEW

Do you need a multiservice switch that supports multiple protocols?

The HPE C-series SN6500C 16Gb FC/FCIP/FCoE Multiservice Switch (Cisco MDS 9250i) 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

SN8500C Directors.

switches. With up to forty 16 Gb Fibre Channel ports, two 10 Gigabit Ethernet IP storage services ports, and eight 10GbE FC over Ethernet (FCoE) ports in a fixed 2U form factor, it is an ideal multiservice switch for department or remote branch office SANs. It connects both existing FC networks and protects your current SAN switch investments. SAN Extension over IP is enabled on the two fixed 10GbE IP storage services ports, enabling FC over IP (FCIP) and compression without the need for additional licenses. Using the eight FCoE ports, the switch attaches directly to FCoE and FC storage devices.

FEATURES

High Density SAN Consolidation with Integrated Multiprotocol Support

The HPE C-series SN6500C 16 Gb FC/FCIP/FCoE Multiservice Switch ships in a base offering of twenty 16 Gb Fibre Channel (FC) ports for high-performance SAN connectivity, two 10GbE IP storage service ports and eight 10GbE FCoE ports. The base version is scalable to forty 16 Gb FC ports.

The switch connects to native FC SANs for investment protection as well as offering a single compact solution for native FC gateway opportunities with FCoE (Converged Fabric), enabling unified network fabric connectivity.

Remote SAN Extension with High-Performance FCIP

The HPE C-series SN6500C 16 Gb FC/FCIP/FCoE Multiservice Switch provides FCIP support for business continuity and disaster recovery either as a standalone device as well as an FCIP SAN extension switch for MDS 9700 series (HPE SN8500C) Directors.

This switch breaks the distance barriers of current Fibre Channel (FC) 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 HPE C-series SN6500C 16Gb Multiservice 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 Optimization

The HPE C-series SN6500C 16 Gb FC/FCIP/FCoE Multiservice Switch supports hardware-based data compression and tape acceleration to enhance remote backup operations and allow 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 support 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 HPE C-series SN6500C 16Gb Multiservice 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 SN6500C 16Gb FC/FCIP/FCoE Multi-service Switch

Product Number (SKU)	E7Y64A
Port speed	16 Gb/s Fibre Channel 10 GbE Converged Enhanced Ethernet (CEE)
Aggregate switch bandwidth	536 Gb/s
Encryption capability	Data at rest encryption
Protocol supported	8/16 Gb Fibre Channel, 10Gb Ethernet, iSCSI, FCIP
Availability features	In-service software upgrade, stateful processes restart, and redundant hot-swappable power supplies and fans, hot swappable SFP's, and hot-swappable option modules
Form factor	2U
Upgradability	Standard base configuration is 20 FC ports Max port configuration is (40) 16 Gb FC ports and (2) 10GbE storage service ports, (8) 10GbE Ethernet IP ports capable of supporting FCoE.
Software (required)	NX-OS 6.2 (7) or later
Software (optional)	20-port Fibre Channel port upgrade license, Enterprise package license HPE Data Center Network Manager (DCNM) license



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

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- [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

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[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.

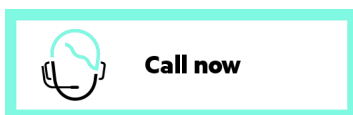
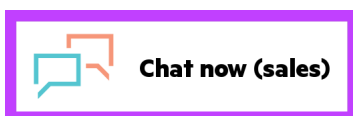
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