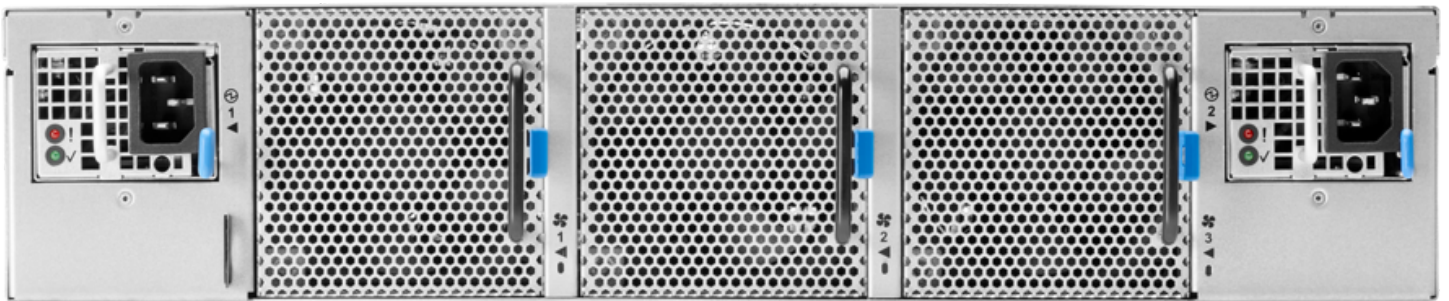


# HPE Storage Switch M-series SN4600M

HPE 100GbE 64QSFP28 Power to Connector Airflow Switch SN4600cM with NVIDIA Cumulus (S2T80A)



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## What's new

- NVIDIA® Cumulus Linux® Network Operating System is now bundled with SKU S2T80A.

## Overview

The HPE Storage Switch M-series SN4600M is ideal for modern server and storage networks. It delivers predictable performance and zero packet loss at line-rate across all ports and packet sizes. Enhanced for storage combined with efficient design, it provides enterprise-level performance with attractive economics and outstanding return on investment. Networks built on the HPE Storage Switch M-series SN4600M are fast, reliable, and scalable while also being affordable and easy to manage. They support primary and secondary storage, providing consistently fair, fast, and low-latency connectivity even under heavy workloads or a mix of different port speeds. This makes them ideal for storage, hyperconverged infrastructure, financial services, and media and entertainment deployments.

## Features

### **Designed for Superior Performance, Scale, and Future Growth**

HPE Storage Switch M-series SN4600M delivers predictable and consistent throughput regardless of the packet size being transferred, the mixture of ports which are sending data and even within mixed speed environments.

Provide wire-rate performance with zero packet loss across frame sizes, avoiding any negative impact on applications that could occur with frame loss as unexpected packet loss is unacceptable in modern data centers, especially within a storage network.

Capable of forwarding wire-rate performance with zero packet loss across 64-ports concurrently while transferring data across both Layer 2 and Layer 3 networks.

### **Enhanced for Demanding Enterprise Data Centers and Storage Environments**

HPE Storage Switch M-series SN4600M allows flexible port speed configurations at 1/10GbE, 25GbE using breakout cables to 64-ports at 40GbE or 100GbE allowing flexibility, efficiency, simplifying scale-out of aggregation switching layers, and reducing total cost of ownership (TCO).

In the aggregation layer of fabrics, load balancing and scalability are essential. HPE Storage Switch M-series SN4600M provides superior equal-cost multipath (ECMP) flexibility and efficiency to deliver balanced workloads.

Flexible management and monitoring options from CLI and toolsets provide world-class ease-of-use, configuration, and monitoring of your fabric.

### **Unleash Storage Performance and Improve Flash Return on Investment**

HPE Storage Switch M-series SN4600M provides ultra-low latency. This is helpful for flash storage, which moved latency from storage access to the network, as well as for the burst nature of today's software-defined and cloud data center traffic.

Provides enough internal bandwidth so there is sufficient capacity to carry ports at 100Gbps bandwidths concurrently. This allows HPE Storage Switch M-series SN4600M to avoid head-of-line blocking, which can reduce a switch's overall performance.

Extremely flexible and performance-rich lossless fabric capabilities make HPE Storage Switch M-series SN4600M ideal for mission-critical storage applications.



**Technical specifications****HPE 100GbE 64QSFP28 Power to Connector Airflow Switch SN4600cM with NVIDIA Cumulus**

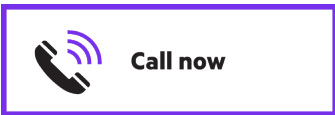
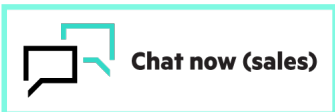
<b>Product Number</b>	S2T80A
<b>Port speed</b>	100Gbps Ethernet, maximum per port
<b>Aggregate switch bandwidth</b>	12.8 Tbps
<b>Protocol supported</b>	Ethernet
<b>Availability features</b>	Dual redundant power-supplies and fan trays
<b>Model availability</b>	64 port QSFP28
<b>Media types</b>	QSFP28
<b>Software (required)</b>	NVIDIA® Cumulus Linux®
<b>Ports</b>	64 ports



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

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### HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

#### Consulting services

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

#### Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

#### Operational services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

- HPE Complete Care Service: a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.
- HPE Tech Care Service: the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

#### Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

#### HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options.

The Defective Media Retention (DMR) service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction. Comprehensive Defective Material Retention (CDMR) allows you to keep all data retentive components.

### 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.

If you are looking for more services, like **IT financing solutions**, please explore them [here](#).



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Image may differ from the actual product [PSN1014809040USEN](#), August, 2024.