Hewlett Packard Enterprise

HPE SN2410M 25GBE 48SFP28 8QSFP28 ONIE CONNECTOR TO POWER AIRFLOW SWITCH (R3B09A)

M-series Switches

OVERVIEW

How can you provide fast, reliable, and cost-effective connectivity in the data center with predictable performance?

HPE M-series SN2410M Ethernet switches are ideal for modern server and storage networks. They are an ideal top-of-rack (ToR) solution with 10 GbE and 25 GbE or 100 GbE

systems with wire-speed Layer 2 and 3 features that delivers predictable performance and zero packet loss at line-rate across all ports and packet sizes. Enhanced for storage with efficient design, it provides enterprise-level performance with attractive economics and outstanding ROI. Networks built on the HPE SN2410M are fast, reliable, and scalable while also being affordable and easy to manage. They support primary and secondary storage, providing consistently fair, fast, low-latency connectivity even under heavy workloads or a mix of different port speeds. This makes them ideal for storage, hyper converged, financial services, and media and entertainment deployments.

FEATURES

High Density Data Center Switching

The HPE M-series SN2410M Ethernet switch is a ToR data center switch offering two form-factor configurations: a 1U 48-port 25 GbE SFP28 with 8-port 100 GbE QSFP28, or a 1U 48-port 10GbE SFP+ with 8-port 100 GbE QSFP28.

Each switch offers cost-effective options with entry at 24-ports and a pay-as-you grow with a software license offering more flexibility to customers to add capacity when needed.

Each switch delivers 100 GbE ports that may be further split into four 25 GbE ports or support for 40 GbE that can be further split into four 10 GbE.

Each switch delivers data rates from 1 GbE to 100 GbE (1, 10, 25, 40, 100 GbE) providing future-proofing for connectivity options.

Superior Performance with Future-proof Growth

The HPE M-series SN2410M Ethernet switches deliver 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.

It provides wire-rate performance with zero packet loss across all 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.

Enhanced for Demanding Enterprise Data Centers and Storage Environments

The HPE M-series SN2410M switch provides a flexible combination of ports, allowing great flexibility and efficiency, simplifying scale-out environments, and saving on total cost of ownership (TCO).

Enhanced port configuration enables high-speed rack connectivity to the server at 10 GbE or 25 GbE speeds with 100 GbE uplink ports that allow for a variety of blocking ratios that suit specific application requirements.

Unleash Storage Performance and Improve Flash ROI

The HPE M-series SN2410M switch provides ultra-low latency of under 300ns port-to-port. This is advantageous for flash storage, which has moved latency bottlenecks from storage access to the network, as well as for the burst nature of today's software defined and cloud data centers traffic.

The buffering architecture of HPE SN2410M switches provides superior micro burst absorption for applications that burst data at random intervals.

Technical specifications

HPE SN2410M 25GbE 48SFP28 8QSFP28 ONIE Connector to Power Airflow Switch

Product Number	R3B09A
Port speed	1 Gbps, 10 Gbps, 25 Gbps, 40 Gbps, 100 Gbps
Aggregate switch bandwidth	4 Tbps
Encryption capability	No
Protocol supported	Ethernet
Availability features	Additional ports with upgrade license Hot-swappable power supplies Hot-swappable fan trays
Form factor	1U
Software (required)	ONYX and ONIE
Software (optional)	HPE SN2410bM 10GbE 24p Upgrade license HPE SN2410M 25GbE 24p Upgrade license
Product Dimensions (metric)	4.39 x 43.8 x 43 6 cm
Weight	8.52 kg

HPE POINTNEXT SERVICES

HPE Pointnext Services brings together technology and expertise to help you drive your business forward and prepare for whatever is next.

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.

HPE Integration and Performance Services help you customize your experience at any stage of your product lifecycle with a menu of services based on individual needs, workloads, and technologies.

- Advise, design, and transform
- 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

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 now (sales)

Share now

Get updates

Hewlett Packard Enterprise