HPE VIRTUAL CONNECT SE 40GB F8 MODULE FOR SYNERGY

Synergy Virtual Connects

OVERVIEW

Wouldn't you like to consolidate legacy hierarchical architectures based on north/south design with oversubscription bottlenecks into a flat, east/west architecture to increase data throughput and reduce latency with only a single hop within large domains of virtual machines or Synergy Compute Modules?

The HPE Virtual Connect SE 40Gb F8 Module for HPE Synergy,

master module, based on composable fabric is designed for Composable Infrastructure. Its disaggregated, rack-scale design uses a master/satellite architecture to consolidate data center network connections, reduce hardware and scale network bandwidth across multiple HPE Synergy Frames.

The master module contains intelligent networking capabilities that extends connectivity to satellite frames through Interconnect Link Modules. This decreases top of rack switch needs and substantially reduces costs. The components reduction simplifies fabric management at scale while consuming fewer ports at the data center aggregation layer.

FEATURES

Improve Fabric Efficiency, Reliability and Manageability with HPE Composable Infrastructure

The HPE Virtual Connect SE 40Gb F8 Module for Synergy consolidates data center network connections, and reduces hardware and scale network bandwidth across multiple frames with the HPE Synergy innovative disaggregated, rack-scale design.

Efficiently extend flexible pools of network resources from each HPE Virtual Connect SE 40Gb F8 Module for Synergy to scale bandwidth across multiple frames.

Improve network reliability with resilient fabric connectivity to upstream switches using Hewlett Packard Enterprise Synergy Multi-module LAG (MLAG) technology.

Enjoy simple, reliable and fast provisioning Virtual Connect SE 40Gb F8 Modules using the Hewlett Packard Enterprise Synergy software-defined intelligence with template-driven programming

Orchestrate frictionless Virtual Connect SE firmware updates in concert with an entire Synergy infrastructure using one-tool, one-step template-based operations from HPE Synergy Composer.

Based on Industry's Proven Virtual Connect Technology

The HPE Virtual Connect SE 40Gb F8 Module for Synergy provides one flexible interconnect interface to the network. One device supports common data center networks protocols like; Ethernet, Fibre Channel (FC), Fibre Channel over Ethernet (FCoE) and iSCSI.

Fine-tune the performance of each data and storage connection to meet the needs of each of your virtual machines and targeted workloads.

Optimize the hypervisor I/O requirements with Flex-10 and Flex-20 adapters. With two modules you can provide six FlexNICs and two FlexHBAs connections to each Synergy Compute Modules, delivering a best practice network configuration for most hypervisors.

Connect to Synergy Compute Modules using full hardware offload of iSCSI and FCoE protocol processing and minimizing the impact on host CPU performance to increase storage connection performance.

Perform ultra-fast communication between virtual server hosts during migrations and recoveries with hardware based 10/20GbE performance.

Upgrade Your Network with Investment Protection and No Process Changes

The HPE Virtual Connect SE 40Gb F8 Module for Synergy is compatible with current networks. Providing seamless connection to existing industry standard data and storage networks avoids replacing each piece of equipment.

One HPE Virtual Connect SE 40Gb F8 Module meets data and storage connection needs with multi-protocol support for Ethernet, Fibre Channel (FC), Fibre Channel over Ethernet (FCoE) and Accelerated iSCSI connections.

Maintain current IT processes with direct uplink connections to LANs and SANs to maintain your current IT practices, unlike other solutions that reroute SAN traffic to the LAN.

Technical specifications   HPE Virtual Connect SE 40Gb F8 Module for Synergy

Warranty	3 year Parts, 3 year Labor, 3 year on-site support

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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.
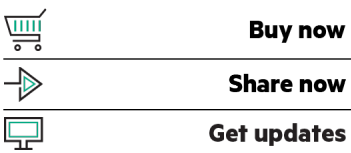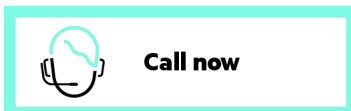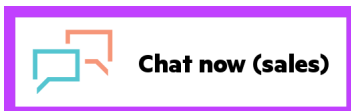
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