

HPE VIRTUAL CONNECT SE 100GB F32 MODULE FOR SYNERGY (867796-B21)

Synergy Virtual Connects



WHAT'S NEW

- Support for 25/50/100 Gb Ethernet
- Support for 8/16/32 Gb converged fiber channel
- Support for Large Network Sets (LNS)
- Support for RoCE v1/2
- Support for HPE Synergy 4820C and HPE Synergy 6820C Converged Network Adapters

OVERVIEW

Wouldn't you like to consolidate legacy hierarchical architectures based on north/south design with over-subscription 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 HPE Synergy Compute Modules?

The HPE Virtual Connect SE 100Gb Module for Synergy

provides the latest performance for your demanding workloads including 25/50 Gb downlink speeds, 100 Gb uplinks, and 16/32 Gb converged Fiber Channel. Its dis-aggregated, rack-scale design uses a primary/satellite architecture to consolidate data center network connections, reduce hardware and scale network bandwidth across multiple HPE Synergy Frames.

The primary 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.

FEATURES

Enhance Uplink Costs with the Latest Fabric Bandwidths

The HPE Virtual Connect SE 100Gb F32 switch module provides 25/50/100 Gb performance with the cost benefits of HPE Synergy's primary/satellite networking architecture. Converge your uplinks from the Synergy frame and save money on upstream ports.

Improve Fabric Efficiency, Reliability and Manageability with HPE Composable Infrastructure

The HPE Virtual Connect SE 100Gb F32 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.

Enjoy simple, reliable and fast provisioning HPE Virtual Connect SE 100Gb F32 Modules using the Hewlett Packard Enterprise Synergy software-defined intelligence with template-driven programming.

Orchestrate frictionless HPE 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 100Gb F32 Module for Synergy provides one flexible interconnect interface to the network. One device supports common data center networks protocols such as: 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.

Connect to HPE 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 25/50 GbE performance.

Technical specifications**HPE Virtual Connect SE 100Gb F32 Module for Synergy**

Product Number (SKU)	867796-B21
Connectors and cabling	HPE SY 300Gb Interconnect Link 2.1m DAC; HPE SY 300Gb Interconnect Link 3m AOC; HPE SY 300Gb Interconnect Link 5m AOC; HPE SY 300Gb Interconnect Link 15m AOC
Warranty	3 year Parts, 3 year Labor, 3 year on-site support

Most, if not all IT organizations are on a digital transformation journey — each at a different stage. With over 11,000 IT projects conducted and 1.4 million customer interactions each year, HPE Pointnext Services' 15,000+ experts and its vast ecosystem of solution partners and channel partners are uniquely able to help you at every stage of your digital transformation. We bring together technology and expertise to help you drive your business forward and prepare for whatever is next.

Advisory and Professional Services help you accelerate your digital transformation. Operational Services help you remove complexity and respond rapidly to business demands.

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 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.

For additional technical information, available models and options, please reference the QuickSpecs

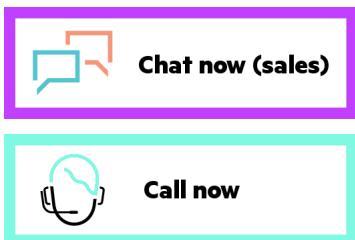
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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

Image may differ from the actual product
[PSN1011657619CZEN](#), September, 2021.