



**Hewlett Packard**  
Enterprise

# HPE VIRTUAL CONNECT SE 100GB F32 MODULE FOR SYNERGY

## 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

### 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

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Synergy 6820C Converged Network  
Adapters

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 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.

## 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 master/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 recovers with hardware based 25/50 GbE performance.

## Technical specifications

## HPE Virtual Connect SE 100Gb F32 Module for Synergy

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**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

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**Warranty**

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

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

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### Operational Services from HPE Pointnext Services

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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.

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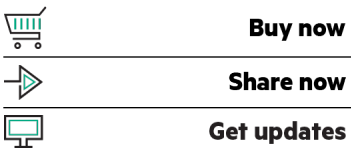
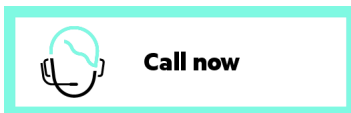
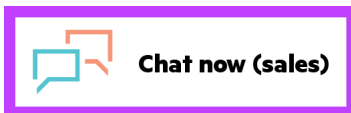
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Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired,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

Image may differ from the actual product  
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