



**Hewlett Packard**  
Enterprise

# HPE SYNERGY 10GB INTERCONNECT LINK MODULE (779215-B21)

## Synergy Interconnect Link Modules



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### WHAT'S NEW

- Available for ordering Q3CY2016

### OVERVIEW

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

The HPE Synergy 10Gb Interconnect Link Module, satellite module, based on composable fabric is designed for Composable Infrastructure. Based on disaggregated, rack-scale

design, it 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 extend connectivity to frames equipped with satellite modules. This reduces top of rack switch need and substantially decreases cost. The reduction in components simplifies fabric management at scale while consuming fewer ports at the data center aggregation layer.

## FEATURES

### **Reduces the Need for Fixed Ratios of Interconnects and Substantially Reduces Cost and Complexity**

The HPE Synergy 10Gb Interconnect Link Module of HPE Synergy composable fabric extends satellite frame connectivity to primary frame. The connectivity to primary frame is through zero latency cables and replaces fixed ratio of interconnects with flexible ratio of networking pool of resources.

Inherits all the benefits of primary module. Up to four additional satellite frames can be connected to primary module with Synergy 10Gb Interconnect Link Module.

Firmware upgrade on primary module won't affect Synergy 10Gb Interconnect Link Modules making software upgrade on primary module less impactful to the satellite modules.

Adding a satellite frame doesn't increase east/west traffic hop count between Synergy Compute Modules connected to same primary module. Up to 60 Synergy Compute Modules with one-hop can be supported with primary module.

Adding frames with Synergy 10Gb Interconnect Link Modules doesn't consume ports on the aggregation switch.

### **Flexible with Different Edge Network Architecture**

The HPE Synergy 10Gb Interconnect Link Module fits into different architecture based on edge interconnects needs.

Supports HPE Virtual Connect SE 40Gb F8 Module for Synergy and HPE Synergy 40Gb F8 Switch Module.



**Technical specifications****HPE Synergy 10Gb Interconnect Link Module**

<b>Product Number</b>	779215-B21
<b>Performance</b>	Non-blocking architecture
<b>Ports</b>	12 x 10GbE downlinks through the mid-plane and 1 x 120GbE interconnect link ports to master module
<b>Connectors and cabling</b>	Interconnect Link module cables
<b>Indicators and buttons</b>	Health LED, UID LED, Link cable part LEDs, and Compute Module Link LEDs
<b>Power specifications</b>	12V @ 13.75A (165 W)
<b>Latency</b>	Low-latency design (<5ns round trip)
<b>Product Dimensions (metric)</b>	398 x 496 x 149.5 mm (shipping)
<b>Weight</b>	2.81 kg (shipping)
<b>Warranty</b>	3 year Parts, 3 year Labor, 3 year On-site support



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

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**Defective Media Retention** is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

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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  
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