

Overview

HPE Synergy QSFP+ Transceiver

Platform Information

Models

Recommended

This transceiver is a recommended option that has been selected by HPE experts to provide the right technology for a range of workloads and market segments offering the best combination of performance, value and availability.

HPE Synergy 40GbE/4x10GbE/4x8Gb FC QSFP+ Transceiver	817040-B21
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Extended

This transceiver is part of an extended catalog of products tailored for customers in specific markets or with specific workloads, requiring the utmost in performance or value, but typically have a longer lead-time.

HPE Synergy Dual 10GBASE-T QSFP+ 30m RJ45 Transceiver	838327-B21
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Service and Support

Service and Support	<p>NOTE: This adapter is covered under HPE Support Services/ Service Contract applied to the HPE ProLiant Server or enclosure. No separate HPE Support Services# need to be purchased.</p> <p>Most HPE branded options sourced from HPE that are compatible with your product will be covered under your main product support at the same level of coverage, allowing you to upgrade freely. Additional support is required on select workload accelerators, switches, racks and UPS options 12KVA and over. Coverage of the UPS battery is not included under HPE support services; standard warranty terms and conditions apply.</p>
Warranty and Support Services	<p>Warranty and Support Services will extend to include HPE options configured with your server or storage device. The price of support service is not impacted by configuration details. HPE sourced options that are compatible with your product will be covered under your server support at the same level of coverage allowing you to upgrade freely. Installation for HPE options is available as needed. To keep support costs low for everyone, some high value options will require additional support. Additional support is only required on select high value workload accelerators, fibre switches, InfiniBand and UPS options 12KVA and over. Coverage of the UPS battery is not included under TS support services; standard warranty terms and conditions apply.</p>
Protect your business beyond warranty with HPE Support Services	<p>HPE Technology Services delivers confidence, reduces risk and helps customers realize agility and stability. Connect to HPE to help prevent problems and solve issues faster. HPE Support Services enable you to choose the right service level, length of coverage and response time as you purchase your new server, giving you full entitlement to the support you need for your IT and business.</p> <p>Protect your product, beyond warranty.</p>
Parts and Materials	<p>Hewlett Packard Enterprise will provide HPE-supported replacement parts and materials necessary to maintain the covered hardware product in operating condition, including parts and materials for available and recommended engineering improvements. 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. The defective media retention service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction.</p>
For more information	<p>Visit the Hewlett Packard Enterprise Service and Support website.</p>

Technical Specifications

HPE Synergy 40GbE/4x10GbE/4x 8Gb FC QSFP+ Transceiver (817040- B21)

NOTE: Using either MPO to MPO cable for 40Gb or MPO to 4x LC cable for 4x10Gb or 4x 8Gb connections

Ports	MPO 40-GbE port (IEEE 802.3ba Type 40Gbase-SR4)
Connectivity	Connector type MPO
Physical characteristics	Dimensions 5.19" x 0.72" x 0.54"
Environment	Weight 0.08 lb
	Transceiver form factor QSFP+
	Operating temperature 32°F to 158°F (0°C to 70°C)
	Operating relative humidity 5% to 95%, noncondensing
	Non-operating temperature -4°F to 176°F (-20°C to 80°C)
	Altitude Up to 10,000 ft. (3 km)
Cabling	Cable type Multimode fiber
	Maximum distance Up to 100m (OM3); up to 150m (OM4)
NOTES	Check switch release notes for minimum version of software required to support this transceiver. Some switches have limits as to how many of this particular transceiver can be installed. See the release notes of the switch software/firmware being used for more details.
Services	For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office.

HPE Synergy Dual 10GBASE-T QSFP+ 30m RJ45 Transceiver (838327-B21)

NOTE: Connecting Synergy master modules with Image Streamer using Cat6a cables

Ports	40-GbE QSFP+ port
Connectivity	Connector type two RJ45 connectors
Physical characteristics	Dimensions 0.558"x1.144"x5.17"
Environment	Weight 0.19 lb
	Transceiver form factor QSFP+
	Operating temperature 32°F to 158°F (0°C to 70°C)
	Operating relative humidity 5% to 95%, noncondensing
	Non-operating temperature -4°F to 176°F (-20°C to 80°C)
	Altitude Up to 10,000 ft. (3 km)
Cabling	Cable type Cat 6a/7 cable
	Maximum distance 30 m
NOTES	Check switch release notes for minimum version of software required to support this transceiver. Some switches have limits as to how many of this particular transceiver can be installed. See the release notes of the switch software/firmware being used for more details.

Technical Specifications

Services

This Dual 10GBase-T QSFP+ transceiver is only supported when connecting HPE Virtual Connect SE 40Gb F8 Module for Synergy or HPE Synergy 40Gb F8 Switch Module to HPE Synergy Image Streamer. It cannot be used on other switches or for other applications.

For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office.

Summary of Changes

Date	Version History	Action	Description of Change
05-Feb-2018	Version 6	Changed	Technical Specifications section was updated.
27-Mar-2017	Version 5	Changed	Technical Specifications section was updated.
07-Oct-2016	Version 4	Changed	Change weight and dimension
26-Sep-2016	Version 3	Changed	Overview and Technical Specifications sections were updated.
		Added	SKU added in Overview and Technical Specification sections: 838327-B21
31-March-2016	Version 2	Changed	Overview and Technical Specifications sections were updated.
		Added	SKU added in Overview and Technical Specification sections: 817040-B21
1-Dec-2015	Version 1	Changed	New QuickSpecs



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