Overview

HPE 10GbaseT SFP+ transceiver

The 10GBase-T SFP+ transceiver will transmit 10GbpE over up to 30m using Cat 6a/7 cable, providing high speed bi-directional communication links over copper media.

Platform Information

Models

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 10GBase-T SFP+ Transceiver   813874-B21

Standard Features

At a Glance Features
- SFF-8431 and SFF-8432 MSA Compliant
- Supports Links up to 30m using Cat 6a/7 Cable
- RJ45 connector

Service and Support

Service and Support	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. 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.
Warranty and Support Services	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.
Protect your business beyond warranty with HPE Support Services	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. Protect your product, beyond warranty.
Parts and Materials	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.
For more information	Visit the Hewlett Packard Enterprise Service and Support **website**.

Technical Specifications

HPE 10GBase-T SFP+ Transceiver (813874-B21)			
	Ports		1 10-GbE SFP+ port; Duplex: full only
	Connectivity	**Connector type**	RJ45
	Physical characteristics	**Dimensions**	2.8(d) x 0.53(w) x 0.55(h) in. (7.11 x 1.35 x 1.40 cm)
		Weight	0.04 lb., Fully loaded
	Environment	**Transceiver form factor**	SFP+
		Operating temperature	32ºF to 158ºF (0ºC to 70ºC)
		Operating relative humidity	5% to 95%, noncondensing
		Non-operating temperature	-40ºF to 185ºF (-40ºC to 85ºC)
		Non-operating/ Storage relative humidity	5% to 95%, noncondensing
		Altitude	Up to 10,000 ft. (3 km)
	Electrical characteristics	**Power consumption typical**	2.3 W
		Power consumption maximum	2.5 W
	Cabling	**Cable type**	Cat 6a/7 cable
		Maximum distance	30 m
		Fiber type	Copper
	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.

Operating System and Virtualization Support	The Operating Systems supported by this adapter are based on the server OS support. Please refer to the OS Support Matrix at **https://www.hpe.com/us/en/servers/server-operating-systems.html**.

Environment-friendly Products and Approach - End-of-life Management and Recycling	Hewlett Packard Enterprise offers end-of-life **product return, trade-in, and recycling programs**, in many geographic areas, for our products. Products returned to Hewlett Packard Enterprise will be recycled, recovered or disposed of in a responsible manner.
	The EU WEEE Directive (2012/19/EU) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the **Hewlett Packard Enterprise web site**. These instructions may be used by recyclers and other WEEE treatment facilities as well as Hewlett Packard Enterprise OEM customers who integrate and re-sell Hewlett Packard Enterprise equipment.

Summary of Changes

Date	Version History	Action	Description of Change
05-Feb-2018	Version 3	Changed	Technical specifications were updated
11-Dec-2015	Version 2	Changed	Overview section was updated.
28-Sep-2015	Version 1	Created	New QuickSpecs.

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