Overview

HPE 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 BladeSystem c-Class 40Gb QSFP+ MPO SR4 100m Transceiver	720187-B21

Extended
These transceivers are 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 BladeSystem c-Class 40Gb QSFP+ MPO SR4 300m Transceiver	747698-B21
HPE 40Gb QSFP+ Bidirectional XCVR	841716-B21
HPE BladeSystem c-Class 40Gb QSFP+ MPO SR4 300m Transceiver	805755-B21

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 BladeSystem c-Class 40Gb QSFP + MPO SR4 100m Transceiver(720187-B21)

NOTE: A 40-Gigabit transceiver in QSFP+ form-factor that supports the 4x10-Gigabit SR standard, providing 40-Gigabit connectivity up to 100m on multi-mode fiber.

Ports		1 MPO 40-GbE port (IEEE 802.3ba Type 40Gbase-SR4)
Connectivity	Connector type	MPO
	Wavelength	850 nm
Physical characteristics	Dimensions	5.19(d) x 0.72(w) x 0.54(h) in. (13.18 x 1.835 x 1.371cm)
	Weight	0.08 lb. (35 g)
	Transceiver form factor	QSFP+
Environment	Operating temperature	32°F to 158°F (0°C to 70°C)
	Operating relative humidity	0% to 85%, noncondensing
	Non-operating/ Storage temperature	-40°F to 185°F (-40°C to 85°C)
Electrical characteristics	Voltage Supply	3.3 V
	Power consumption maximum	1.5 W
Cabling	Cable type	OM3, OM4
	Cable length	Up to 100m (OM3); up to 150m (OM4)
	Fiber type	Multi-mode
NOTES		For fiber patch cords, use Ultra Physical Contact (UPC) surface termination/ polish. Angled Physical Contact (APC) is not recommended.
Services		Refer to the Hewlett Packard Enterprise website at: **http://www.hp.com/ services/bladesystem** for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office.

HPE BladeSystem c-Class 40Gb QSFP + MPO SR4 300m Transceiver (747698-B21)

NOTE: A 40-Gigabit transceiver in QSFP+ form-factor that supports the 4x10-Gigabit SR standard, providing 40-Gigabit connectivity up to 300m on using standard MPO connector with multimode fiber.

Ports		1 MPO 40-GbE port (IEEE 802.3ba Type 40Gbase-SR4)
Connectivity	Connector type	MPO
	Wavelength	850 nm
Physical characteristics	Dimensions	5.19(d) x 0.72(w) x 0.54(h) in. (13.18 x 1.835 x 1.371cm)
	Weight	0.08 lb. (35 g)
	Transceiver form factor	QSFP+
Environment	Operating temperature	32°F to 158°F (0°C to 70°C)
	Operating relative humidity	0% to 85%, noncondensing
	Non-operating/ Storage temperature	-40°F to 185°F (-40°C to 85°C)

Technical Specifications

Electrical characteristics	**Voltage Supply**	3.3 V
	Power consumption maximum	1.5 W
Cabling	**Cable type**	OM3, OM4
	Cable length	Up to 300m (OM3); up to 400m (OM4)
	Fiber type	Multi-mode
NOTES		For fiber patch cords, use Ultra Physical Contact (UPC) surface termination/polish.
		Angled Physical Contact (APC) is not recommended.
Services		Refer to the Hewlett Packard Enterprise website at: **http://www.hp.com/services/bladesystem** for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office.

HPE BladeSystem c-Class 4x10G QSFP + MPO SR4 100m Transceiver (805755-B21)	**NOTE:**	**A 40-Gigabit transceiver in QSFP+ form-factor that provides 4x10Gb connections using MPO to 4x10Gb LC Breakout Cable. This transceiver is designed only for use with HPE Virtual Connect FlexFabric 20/40 F8 Module.**
	Ports	1 MPO 40-GbE port (IEEE 802.3ba Type 40Gbase-SR4)
	Connectivity	**Connector type**
		Wavelength
	Physical characteristics	**Dimensions**
		Weight
		Transceiver form factor
	Environment	**Operating temperature**
		Operating relative humidity
		Non-operating/Storage temperature
	Electrical characteristics	**Voltage Supply**
		Power consumption maximum
	Cabling	**Cable type**
		Cable length
		Fiber type
	NOTES	
	Services	

Connectivity	**Connector type**	MPO
	Wavelength	850 nm
Physical characteristics	**Dimensions**	5.19(d) x 0.72(w) x 0.54(h) in. (13.18 x 1.835 x 1.371cm)
	Weight	0.08 lb. (35 g)
	Transceiver form factor	QSFP+
Environment	**Operating temperature**	32°F to 158°F (0°C to 70°C)
	Operating relative humidity	0% to 85%, noncondensing
	Non-operating/Storage temperature	-40°F to 185°F (-40°C to 85°C)
Electrical characteristics	**Voltage Supply**	3.3 V
	Power consumption maximum	1.5 W
Cabling	**Cable type**	OM3, OM4
	Cable length	Up to 100m (OM3); up to 150m (OM4)
	Fiber type	Multi-mode
NOTES		For fiber patch cords, use Ultra Physical Contact (UPC) surface termination/polish.
		Angled Physical Contact (APC) is not recommended.
Services		Refer to the Hewlett Packard Enterprise website at: **http://www.hp.com/services/bladesystem** for details on the service-level descriptions and product numbers. 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 5	Changed	Technical Specifications section was updated
31-March-2016	Version 4	Changed	Overview andTechnical Specifications section were updated.
		Added	SKU added in Overview section: 841716-B21
11-Dec-2015	Version 3	Changed	Technical Specifications section was updated. QuickSpecs title was updated.
28-Sep-2015	Version 2	Changed	Overview and Technical Specifications sections were updated.

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