

HPE QSFP+ Transceiver QuickSpecs

HPE QSFP+ Transceivers provide high-density 40Gb connectivity for modern data centers, delivering reliable performance, low power consumption, and seamless integration with HPE servers, switches, and interconnects.

HPE QSFP+ Transceivers enable standards-based 40Gb Ethernet deployment across HPE networking and compute platforms. Models such as the 40Gb QSFP+ MPO SR4 (720187-B21) and 40Gb QSFP+ Bidirectional (841716-B21) provide flexible optical options for leaf-spine fabrics and blade enclosure networks. Validated interoperability and HPE Services support ensure consistent performance and streamlined lifecycle management.

Models

HPE BladeSystem c-Class 40Gb QSFP+ MPO SR4 100m Transceiver	720187-B21
HPE 40Gb QSFP+ Bidirectional Transceiver	841716-B21

Service and Support

For the most up-to-date information on HPE Services, please refer to the [HPE Services - Supplemental QuickSpecs](#), which provides a comprehensive and regularly updated overview of available services.

Technical Specifications

HPE BladeSystem c-Class 40Gb QSFP+ MPO SR4 100m Transceiver(720187-B21)		Notes: A 40-Gigabit transceiver in QSFP+ form-factor that supports the 4x10-Gigabit SR standard, providing 40-Gigabit connectivity up to 100m on multimode fiber.		
	Ports	1 MPO 40-GbE port (IEEE 802.3ba Type 40Gbase-SR4)		
Physical characteristics	Connectivity	Connector type	MPO	
		Wavelength	850 nm	
	Dimensions	5.19(d) x 0.72(w) x 0.54(h) in. (13.18 x 1.835 x 1.371 cm)		
		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		
	Nonoperating/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 100 m (OM3); up to 150 m (OM4)
	Fiber type	Multimode
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)

Notes: 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 1.371 cm)
	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 300 m (OM3); up to 400 m (OM4)
	Fiber type	Multimode
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: https://www.hpe.com/us/en/services/operational.html 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)

Notes: 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
Environment	Transceiver form factor
	Operating temperature
	Operating relative humidity
	Non-operating/Storage temperature
Electrical characteristics	Voltage supply
	Power consumption maximum
Cabling	Cable type
	Cable length
	Fiber type
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: https://www.hpe.com/us/en/services/operational.html 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)

Notes: 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	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 1.371 cm)
	Weight	0.08 lb. (35 g)
Environment	Transceiver form factor	QSFP+
	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 100 m (OM3); up to 150 m (OM4)
	Fiber type	Multimode
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: https://www.hpe.com/us/en/services/operational.html 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
20-Jul-2026	Version 10	Changed	Service and Support Section was updated.
16-Feb-2026	Version 9	Changed	New branding applied to document.
04-Dec-2023	Version 8	Changed	Service and Support Section was updated.
15-Nov-2021	Version 7	Changed	Service and Support Section was updated.
06-May-2019	Version 6	Changed	Technical Specifications section was updated.
05-Feb-2018	Version 5	Changed	Technical Specifications section was updated.

31-Mar-2016	Version 4	Changed	Overview and Technical 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.
10-Jun-2014	Version 1	New	New QuickSpecs

Copyright

[Have feedback on QuickSpecs? We're listening](#)

[Chat now](#)

© Copyright 2026 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

c04312725 - 14980 - Worldwide - V10 - 20-July-2026
HEWLETT PACKARD ENTERPRISE
HPE.com

