

Overview

HPE Ethernet Transceivers and Cables

Models

Description

SKU

10G Transceivers

HPE 10GBASE-T SFP+ RJ45 300m 1-pack Transceiver.

R0R41B

HPE M-series 10GbE SFP+ SR MM 300m Transceiver

Q6M30A

25G Transceivers

HPE 25Gb SFP28 Short Wave Extended Temperature 1-pack Pull Tab Optical Transceiver

Q2P64B

HPE 25Gb SFP28 SR 30m Transceiver

R0R42A

HPE 25GbE SFP28 to SFP28 3m Smart Active Optical Cable

Q9S67A

HPE 25GbE SFP28 to SFP28 5m Smart Active Optical Cable

Q9S68A

HPE 25GbE SFP28 to SFP28 10m Smart Active Optical Cable

Q9S69A

HPE 25GbE SFP28 to SFP28 15m Smart Active Optical Cable

Q9S70A

40G Transceivers

HPE M-series 40GbE QSFP28 SR4 100m Transceiver

Q7F11A

HPE 40GbE QSFP+ to 4x10GbE SFP+ 5m Active Optical Cable

Q9S66A

100G Transceivers

HPE M-series 100GbE QSFP28 SR4 100m Transceiver

Q2F19A

HPE 100Gb QSFP28 LC SWDM4 Multi-mode 100m Transceiver

R0R40A

HPE M-series 100GbE QSFP28 1310nm PSM4 500m Transceiver

Q8J73A

HPE 100GbE QSFP28 to QSFP28 5m Active Optical Cable

Q9S71A

HPE 100GbE QSFP28 to 4x25GbE SFP28 1m Direct Attach Copper Cable

Q9S72A

200G Transceivers

HPE 200Gb QSFP56 to QSFP56 0.5m Direct Attach Copper Cable

R5Z76A

HPE 200Gb QSFP56 to QSFP56 1m Direct Attach Copper Cable

R5Z77A

HPE 200Gb QSFP56 to QSFP56 2m Direct Attach Copper Cable

R5Z78A

HPE 200Gb QSFP56 to QSFP56 2.5m Direct Attach Copper Cable

R5Z79A

HPE 200Gb QSFP56 to QSFP56 5m Active Optical Cable

R5Z80A

HPE 200Gb QSFP56 to QSFP56 10m Active Optical Cable

R5Z81A

HPE 200Gb QSFP56 to QSFP56 15m Active Optical Cable

R5Z82A

HPE 200Gb QSFP56 MPO SR4 100m Transceiver

R5Z83A

HPE 200Gb QSFP56 to 2x100Gb QSFP56 3m Active Optical Cable

R6F24A

HPE 200Gb QSFP56 to 2x100Gb QSFP56 5m Active Optical Cable

R6F25A

HPE 200Gb QSFP56 to 2x100Gb QSFP56 15m Active Optical Cable

R6F26A

HPE 200Gb QSFP56 to 4x50/25Gb SFP56 2.5m Direct Attach Copper Cable

R6F27A

Service and Support

Notes: This transceiver 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.



Technical Specifications

HPE 10GBase-T SFP+ RJ45 30m Transceiver (ROR41B)

A 10-Gigabit transceiver in SFP+ form-factor that supports 10GBase-T Links up to 30m using Cat6a Cable. Low power consumption. 1.5W max.

Connectivity	Connector type	RJ45 using Cat6a Cable
	Wavelength	
Physical characteristics	Dimensions	2.19(d) x 0.54(w) x 0.47(h) in. (55.7 x 13.8 x 11.9 cm)
Environment	Weight	0.1 lb. (50 g)
	Transceiver form factor	SFP+
	Operating temperature	32°F to 158°F (0°C to 70°C)
	Operating relative humidity	5% to 85%, noncondensing
	Non-operating/Storage temperature	-4°F to 185°F (-40°C to 85°C)
	Altitude	Up to 10,000 ft. (3 km)
Electrical characteristics	Power consumption typical	active
	Power consumption Maximum	1.5
Cabling	Cable type	Cat6a
	Cable length	30 meter
	Fiber type	
Services	For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office.	



Technical Specifications

HPE 10GBase-T SFP+ RJ45 30m Transceiver (ROR41A)		
A 10-Gigabit transceiver in SFP+ form-factor that supports 10GBase-T Links up to 30m using Cat6a Cable. Low power consumption. 1.8W max. *Replaced by ROR41B		
Ports	1 10GbE SFP+ port	
Connectivity	Connector type	RJ45 using Cat6a Cable
	Wavelength	
Physical characteristics	Dimensions	2.19(d) x 0.54(w) x 0.47(h) in. (55.7 x 13.8 x 11.9 cm)
	Weight	0.1 lb. (50 g)
Environment	Transceiver form factor	SFP+
	Operating temperature	32°F to 158°F (0°C to 70°C)
	Operating relative humidity	5% to 85%, noncondensing
	Non-operating/Storage temperature	-4°F to 185°F (-40°C to 85°C)
	Altitude	Up to 10,000 ft. (3 km)
Electrical characteristics	Power consumption typical	active
	Power consumption Maximum	1.8w
Cabling	Cable type	Cat6a
	Cable length	30 meter
	Fiber type	
Services	For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office.	



Technical Specifications

HPE 10Gb SFP+ SR 300m Transceiver (Q6M30A)

A 10-Gigabit transceiver in SFP+ form-factor that supports the SR standard, providing 10-Gigabit connectivity up to 300m on multi-mode fiber. Up to 300m (OM3); up to 375m (OM4).

Ports	1 LC 10-GbE port (IEEE 802.3 Type 10Gbase-SR); Duplex: full only	
Connectivity	Connectivity Connector type	LC
	Wavelength	850 nm
Physical characteristics	Dimensions	-2.19(d) x 0.54(w) x 0.47(h) in. (55.7 x 13.8 x 11.9 cm)
Environment	Weight	0.04 lb. (20 g)
	Transceiver form factor	SFP+
	Operating temperature	32°F to 158°F (0°C to 70°C)
	Operating relative humidity	5% to 85%, noncondensing
	Non-operating temperature	-4°F to 185°F (-40°C to 85°C)
Electrical characteristics	Altitude	Up to 10,000 ft. (3 km)
	Power consumption typical	0.5w
	Power consumption Maximum	1.0w
Cabling	Cable Type	OM3, OM4.
	Cable length	Up to 300m (OM3), up to 375m (OM4)
	Fiber type	Multi-Mode
Notes:		
<ul style="list-style-type: none"> - For fiber patch cords, use Ultra Physical Contact (UPC) surface termination/polish. - Angled Physical Contact (APC) is not recommended. 		
Services	For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office.	



Technical Specifications

HPE 25Gb SFP28 SR 100m Transceiver (Q2P64A)

A 25-Gigabit transceiver in SFP28 form-factor that supports the SR standard, providing 25-Gigabit connectivity up to 100m on multi-mode fiber. Up to 70m (OM3); up to 100m (OM4).

Ports	1 LC 25-GbE port (IEEE 802.3 Type 25Gbase-SR); Duplex: full only	
Connectivity	Connectivity Connector type	LC
	Wavelength	850 nm
Physical characteristics	Dimensions	2.19(d) x 0.54(w) x 0.47(h) in. (55.7 x 13.8 x 11.9 cm)
	Weight	0.04 lb. (20 g)
Environment	Transceiver form factor	SFP28
	Operating temperature	32°F to 158°F (0°C to 70°C)
	Operating relative humidity	5% to 85%, noncondensing
	Non-operating temperature	-4°F to 185°F (-40°C to 85°C)
	Altitude	Up to 10,000 ft. (3 km)
Electrical characteristics	Power consumption typical	0.7w
	Power consumption Maximum	0.8w
	Cabling	
Cabling	Cable Type	OM3, OM4
	Cable length	Up to 70m (OM3), up to 100m (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	For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office.	



Technical Specifications

HPE 40Gb QSFP28 MPO SR4 100m Transceiver (Q7F11A)

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

Ports	1 MPO 40-GbE port (IEEE 802.3 Type 40Gbase-SR4)	
Connectivity	Connector type	MPO
	Wavelength	850 nm
Physical characteristics	Dimensions	0.72 x 2.86 x 0.33 in. (18.35 x 72.7 x 8.5 mm)
Environment	Weight	0.08 lb. (36 g)
	Transceiver form factor	QSFP+
	Operating temperature	32°F to 158°F (0°C to 70°C)
	Operating relative humidity	5% to 85%, noncondensing
	Non-operating/Storage temperature	-4°F to 185°F (-40°C to 85°C)
Electrical characteristics	Altitude	Up to 10,000 ft. (3 km)
	Power consumption typical	2.3 w
	Power consumption Maximum	2.5 w
Cabling	Cable type	OM3, OM4
	Cable length	Up to 70m (OM3), up to 100m OM4
	Fiber type	Multi-Mode
Notes:		
<ul style="list-style-type: none"> - Conditioning patch cord cables are not supported. - For fiber patch cords, use Ultra Physical Contact (UPC) surface termination/polish. - Angled Physical Contact (APC) is not recommended. 		
Services	For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office.	



Technical Specifications

HPE 100Gb QSFP28 MPO SR4 100m Transceiver (Q2F19A)

A 100-Gigabit transceiver in QSFP28 form-factor that supports the 4x25-Gigabit SR4 standard, providing 100-Gigabit connectivity up to 100m on using standard MPO connector with multi-mode fiber. Each channel/fiber operates at signaling rates up to 25.78125 GBd

Ports	1 MPO 100-GbE port (IEEE 802.3 Type 100Gbase-SR4)	
Connectivity	Connector type	MPO
	Wavelength	850 nm
Physical characteristics	Dimensions	0.72 x 2.86 x 0.33 in. (18.35 x 72.7 x 8.5 mm)
Environment	Weight	0.08 lb. (36 g)
	Transceiver form factor	QSFP28
	Operating temperature	32°F to 158°F (0°C to 70°C)
	Operating relative humidity	5% to 85%, noncondensing
	Non-operating/Storage temperature	-4°F to 185°F (-40°C to 85°C)
Electrical characteristics	Altitude	Up to 10,000 ft. (3 km)
	Power consumption typical	2.3 w
	Power consumption maximum	2.5 w
Cabling	Cable type	OM3, OM4
	Cable length	Up to 70m (OM3), up to 100m (OM4)
	Fiber type	Multi-Mode
Notes:		
<ul style="list-style-type: none"> - Conditioning patch cord cables are not supported. - For fiber patch cords, use Ultra Physical Contact (UPC) surface termination/polish. - Angled Physical Contact (APC) is not recommended. 		
Services	For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office.	



Technical Specifications

HPE 100Gb QSFP28 MPO PSM4 2km Transceiver (Q2F20A)

A 100-Gigabit transceiver in QSFP28 form-factor that supports the 100-Gigabit PSM4 standard. The transceiver operates over PSM4 parallel single mode ribbon fiber, up to 2km link

Ports	1 MPO 100-GbE port (IEEE 802.3bm Type 100G PSM4)	
Connectivity	Connector type	MPO
	Wavelength	1550 nm
Physical characteristics	Dimensions	0.72 x 2.86 x 0.33 in. (18.35 x 72.7 x 8.5 mm)
Environment	Weight	0.08 lb. (36 g)
	Transceiver form factor	QSFP28
	Operating temperature	32°F to 158°F (0°C to 70°C)
	Operating relative humidity	5% to 85%, noncondensing
	Non-operating/Storage temperature	-4°F to 185°F (-40°C to 85°C)
Electrical characteristics	Altitude	Up to 10,000 ft. (3 km)
	Power consumption typical	2.5 w
	Power consumption maximum	2.7 w
Cabling	Cable type	Low metal content, single-mode fiber-optic, complying with ITU-T G.652 and ISO/IEC 793-2 Type B1
	Cable length	Up to 2km
	Fiber type	Single Mode
Notes:		
<ul style="list-style-type: none"> - Conditioning patch cord cables are not supported. - For fiber patch cords, use Ultra Physical Contact (UPC) surface termination/polish. - Angled Physical Contact (APC) is required to reduce reflection. 		
Services	For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office.	



Technical Specifications

HPE 100GbE QSFP28 1310nm PSM4 500m Transceiver (Q8J73A)

A 100-Gigabit transceiver in QSFP28 form-factor that supports the 100-Gigabit PSM4 standard. The transceiver operates over PSM4 parallel single mode ribbon fiber, up to 500m link

Ports	1 MPO 100-GbE port (IEEE 802.3bm Type 100G PSM4)	
Connectivity	Connector type	MPO
	Wavelength	1310 nm
Physical characteristics	Dimensions	0.72 x 2.86 x 0.33 in. (18.35 x 72.7 x 8.5 mm)
Environment	Weight	0.08 lb. (36 g)
	Transceiver form factor	QSFP28
	Operating temperature	32°F to 158°F (0°C to 70°C)
	Operating relative humidity	5% to 85%, noncondensing
	Non-operating/Storage temperature	-4°F to 185°F (-40°C to 85°C)
Electrical characteristics	Altitude	Up to 10,000 ft. (3 km)
	Power consumption typical	2.5 w
Cabling	Power consumption maximum	2.7 w
	Cable type	Low metal content, single-mode fiber-optic, complying with ITU-T G.652 and ISO/IEC 793-2 Type B1
	Cable length	Up to 500m
	Fiber type	Single Mode
Notes:		
<ul style="list-style-type: none"> - Conditioning patch cord cables are not supported. - For fiber patch cords, use Ultra Physical Contact (UPC) surface termination/polish. - Angled Physical Contact (APC) is required to reduce reflection. 		
Services	For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office.	



Technical Specifications

HPE 25GbE SFP28 to SFP28 Smart AOC (Q9S67A 3m Q9S68A 5m Q9S69A 10m Q9S70A 15m)

A 25-Gigabit Active Optical cable in SFP28 form-factor that supports the SR standard, providing 25-Gigabit connectivity on multi-mode fiber.

Ports	1 LC 25-GbE port (IEEE 802.3 Type 25Gbase-SR)	
Connectivity	Connectivity Connector type	Active Optical Cable
	Wavelength	850 nm
Physical characteristics	Dimensions	2.19(d) x 0.54(w) x 0.47(h) in. (55.7 x 13.8 x 11.9 cm)
	Weight	0.04 lb. (20 g)
Environment	Transceiver form factor	SFP28
	Operating temperature	32°F to 158°F (0°C to 70°C)
	Operating relative humidity	5% to 85%, noncondensing
	Non-operating temperature	-4°F to 185°F (-40°C to 85°C)
	Altitude	Up to 10,000 ft. (3 km)
Electrical characteristics	Power consumption typical	0.7w
	Power consumption Maximum	0.8w
Cabling	Cable Type	OM3, OM4.
	Cable length	3, 5,10 and 15m
	Fiber type	Multi-Mode
Services	For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office.	



Technical Specifications

HPE 40GbE QSFP+ to 4x10GbE SFP+ 5m AOC (Q9S66A)

A 40-Gigabit transceiver in QSFP+ form-factor that splits to 4 10-Gigabit SR standard, providing 40-Gigabit connectivity to 5m with multi-mode fiber

Ports	1 QSFP 40-GbE port (IEEE 802.3 Type 40Gbase-SR4) to 4 SFP 10-GbE port (IEEE 802.3 Type 10Gbase-SR)	
Connectivity	Connector type	MPO
	Wavelength	850 nm
Physical characteristics	Dimensions	0.72 x 2.86 x 0.33 in. (18.35 x 72.7 x 8.5 mm) 2.19 x 0.54 x 0.47 in.
	Environment	
Environment	Weight	0.08 lb. (36 g)
	Transceiver form factor	QSFP+ and SFP+
	Operating temperature	32°F to 158°F (0°C to 70°C)
	Operating relative humidity	5% to 85%, noncondensing
	Non-operating/Storage temperature	-4°F to 185°F (-40°C to 85°C)
	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	OM3, OM4
	Cable length	5m AOC
	Fiber type	Multi Mode
Services	For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office.	



Technical Specifications

HPE 100GbE QSFP+ to 4x25GbE SFP+ 5m AOC (Q9S71A)

A 100-Gigabit transceiver in QSFP+ form-factor that splits to 4 25-Gigabit SR standard, providing 100-Gigabit connectivity to 5m with multi-mode fiber

Ports	1 QSFP28 100-GbE port (IEEE 802.3 Type 100Gbase-SR4) to 4 SFP28 25-GbE port	
Connectivity	Connector type	MPO
	Wavelength	850 nm
Physical characteristics	Dimensions	0.72 x 2.86 x 0.33 in. (18.35 x 72.7 x 8.5 mm)
Environment	Weight	0.08 lb. (36 g)
	Transceiver form factor	QSFP28 and SFP28
	Operating temperature	32°F to 158°F (0°C to 70°C)
	Operating relative humidity	5% to 85%, noncondensing
	Non-operating/Storage temperature	-4°F to 185°F (-40°C to 85°C)
Electrical characteristics	Altitude	Up to 10,000 ft. (3 km)
	Power consumption typical	2.3 w
	Power consumption Maximum	2.5 w
Cabling	Cable type	OM3, OM4
	Cable length	5m AOC
	Fiber type	Multi Mode
Services	For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office.	



Technical Specifications

HPE 100GbE QSFP+ to 4x25GbE SFP+ 1m DAC (Q9S72A)

A 100-Gigabit transceiver in QSFP+ form-factor that splits to 4 25-Gigabit, providing 100-Gigabit connectivity to 1m with copper cables

Ports	1 QSFP28 100GbE port (IEEE 802.3bj and by) to 4 25GbE SFP28 port	
Connectivity	Connector type	Copper
	Wavelength	
Physical characteristics	Dimensions	0.72 x 2.86 x 0.33 in. (18.35 x 72.7 x 8.5 mm)
	Weight	0.08 lb. (36 g)
Environment	Transceiver form factor	QSFP28 and SFP28
	Operating temperature	32°F to 158°F (0°C to 70°C)
	Operating relative humidity	5% to 85%, noncondensing
	Non-operating/Storage temperature	-4°F to 185°F (-40°C to 85°C)
	Altitude	Up to 10,000 ft. (3 km)
Electrical characteristics	Power consumption typical	passive
	Power consumption Maximum	
Cabling	Cable type	
	Cable length	Copper
	Fiber type	
Services	For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office.	



Technical Specifications

HPE 100Gb QSFP28 LC SWDM4 MM 100m XCVR (R0R40A)

A 100-Gigabit transceiver in QSFP28 form-factor that providing 100-Gigabit connectivity up to 100m on using standard LC duplex connector with multi-mode fiber.

Ports	1 QSFP28 100GbE port (IEEE 802.3bj and by) , LC duplex	
Connectivity	Connector type	LC
	Wavelength	850nm-940nm
Physical characteristics	Dimensions	0.72 x 2.86 x 0.33 in. (18.35 x 72.7 x 8.5 mm)
Environment	Weight	0.08 lb. (36 g)
	Transceiver form factor	QSFP28
	Operating temperature	32°F to 158°F (0°C to 70°C)
	Operating relative humidity	5% to 85%, noncondensing
	Non-operating/Storage temperature	-4°F to 185°F (-40°C to 85°C)
Electrical characteristics	Altitude	Up to 10,000 ft. (3 km)
	Power consumption typical	2.5w
Cabling	Power consumption Maximum	3.5w
	Cable type	OM3, OM4
	Cable length	Up to 70m (OM3), up to 100m (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	For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office.	



Technical Specifications

HPE 25Gb SFP28 SR 30m XCVR (R0R42A)

A 25-Gigabit transceiver in SFP28 form-factor that supports the SR standard, providing 25-Gigabit FEC-free on host: BER 10E-12 connectivity up to 40m on multi-mode fiber. Up to 30m (OM3); up to 40m (OM4).

Ports	1 25-GbE port (IEEE 802.3 Type 25Gbase-SR); Duplex LC: full only	
Connectivity	Connectivity Connector type	LC
	Wavelength	850 nm
Physical characteristics	Dimensions	2.19(d) x 0.54(w) x 0.47(h) in. (55.7 x 13.8 x 11.9 cm)
	Weight	0.04 lb. (20 g)
Environment	Transceiver form factor	SFP28
	Operating temperature	32°F to 158°F (0°C to 70°C)
	Operating relative humidity	5% to 85%, noncondensing
	Non-operating temperature	-4°F to 185°F (-40°C to 85°C)
	Altitude	Up to 10,000 ft. (3 km)
Electrical characteristics	Power consumption typical	0.7w
	Power consumption Maximum	0.8w
Cabling	Cable Type	OM3, OM4
	Cable length	Up to 30m (OM3), up to 40m (OM4). FEC-free on host: BER 10E-12
	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	For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office.	



Technical Specifications

HPE M-series 25GbE SFP28/SFP28 0.5m DAC (R4G18A)

A 25-Gigabit transceiver in SFP28 form-factor providing 25-Gigabit connectivity to 0.5m with copper cables

Ports	1 25GbE SFP28 port to 1 25GbE SFP28 port
Connector type	Copper
Wavelength	
Dimensions	13(l) x 11(w) x 1.2(h) in. (33 x28 x 3 cm)
Weight	0.13 lb. (59 g)
Transceiver form factor	SFP28 to SFP28
Operating temperature	32°F to 158°F (0°C to 70°C)
Operating relative humidity	5% to 85%, noncondensing
Non-operating/Storage temperature	-4°F to 185°F (-40°C to 85°C)
Altitude	Up to 10,000 ft. (3 km)
Power consumption typical	passive
Power consumption Maximum	
Cable type	Copper
Cable length	0.5 meter
Fiber type	

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



Technical Specifications

HPE M-series 25GbE SFP28/SFP28 1m DAC (R4G19A)

A 25-Gigabit transceiver in SFP28 form-factor providing 25-Gigabit connectivity to 0.5m with copper cables.

Ports	1 25GbE SFP28 port to 1 25GbE SFP28 port	
Connectivity	Connector type	Copper
	Wavelength	
Physical characteristics	Dimensions	13(l) x 11(w) x 1.2(h) in. (33 x 28 x 3 cm)
Environment	Weight	0.16 lbs. (72 g)
	Transceiver form factor	SFP28 to SPF28
	Operating temperature	32°F to 158°F (0°C to 70°C)
	Operating relative humidity	5% to 85%, noncondensing
	Non-operating/Storage temperature	-4°F to 185°F (-40°C to 85°C)
	Altitude	Up to 10,000 ft. (3 km)
Electrical characteristics	Power consumption typical	passive
	Power consumption Maximum	
Cabling	Cable type	Copper
	Cable length	1 meter
	Fiber type	
Services	For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office.	



Technical Specifications

HPE 200Gb QSFP56/QSFP56 DAC (R5Z76A 0.5m, R5Z77A 1m, R5Z78A 2m, R5Z79A 2.5m)

A 200-Gigabit transceiver in QSFP56 form-factor that provides 200-Gigabit connectivity from 0.5m to 2.5m with copper cables.

Ports	1 QSFP56 200GbE port (IEEE 802.3cd)	
Connectivity	Connector type	No separable connector
	Wavelength	
Physical characteristics	Dimensions	0.72 x 2.86 x 0.33 in. (18.35 x 72.7 x 8.5 mm)
	Weight	0.22 lb. (100 g)
Environment	Transceiver form factor	QSFP56
	Operating temperature	32°F to 158°F (0°C to 70°C)
	Operating relative humidity	5% to 85%, noncondensing
	Non-operating/Storage temperature	-4°F to 185°F (-40°C to 85°C)
	Altitude	Up to 10,000 ft. (3 km)
	Power consumption typical	passive
Electrical characteristics	Power consumption Maximum	
	Cable type	Copper
Cabling	Cable length	0.5m, 1m, 2m, 2.5m
	Fiber type	
	Services	For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office.



Technical Specifications

HPE 200Gb QSFP56/QSFP56 AOC (R5Z80A 5m, R5Z81A 10m, R5Z82A 15m)

A 200-Gigabit transceiver in QSFP56 form-factor that provides 200-Gigabit connectivity from 5m to 15m with multi-mode fiber.

Ports	1 QSFP28 100-GbE port (IEEE 802.3 Type 100Gbase-SR4) to 4 SFP28 25-GbE port	
Connectivity	Connector type	No separable connector
	Wavelength	850 nm
Physical characteristics	Dimensions	0.72 x 2.86 x 0.33 in. (18.35 x 72.7 x 8.5 mm)
Environment	Weight	0.2 lb*. (100 g)
	Transceiver form factor	QSFP56
	Operating temperature	32°F to 158°F (0°C to 70°C)
	Operating relative humidity	5% to 85%, noncondensing
	Non-operating/Storage temperature	-4°F to 185°F (-40°C to 85°C)
	Altitude	Up to 10,000 ft. (3 km)
Electrical characteristics	Power consumption typical	4.5 w
	Power consumption Maximum	5 w
Cabling	Cable type	OM3, OM4
	Cable length	5m, 10m, 15m AOC
	Fiber type	Multi Mode
Services	For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office.	



Technical Specifications

HPE 200Gb QSFP56 MPO 100m XCVR (R5Z83A)

A 200-Gigabit transceiver in QSFP56 form-factor that supports the 4x50-Gigabit SR4 standard, providing 200-Gigabit connectivity up to 100m with standard MPO connector with multi-mode fiber. Each channel/fiber operates at signaling rates up to 26.56 GbD.

Ports	1 200-GbE port (IEEE 802.3cd Type 200Gbase-SR4); MPO12	
Connectivity	Connector type	MPO
	Wavelength	850 nm
Physical characteristics	Dimensions	0.72 x 2.86 x 0.33 in. (18.35 x 72.7 x 8.5 mm)
	Weight	0.2 lb. (100 g)
Environment	Transceiver form factor	QSFP56
	Operating temperature	32°F to 158°F (0°C to 70°C)
	Operating relative humidity	5% to 85%, noncondensing
	Non-operating/Storage temperature	-4°F to 185°F (-40°C to 85°C)
	Altitude	Up to 10,000 ft. (3 km)
Electrical characteristics	Power consumption typical	4.5 w
	Power consumption maximum	5 w
Cabling	Cable type	OM3, OM4
	Cable length	Up to 70m (OM3), up to 100m (OM4)
	Fiber type	Multi-Mode
For fiber patch cords, use Ultra Physical Contact (UPC) surface termination/polish. Angled Physical Contact (APC) is not recommended.		
Services	For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office.	



Technical Specifications

HPE 200Gb QSFP56/QSFP56 AOC (R6F24A 3m, R6F25A 5m, R6F26A 15m)

A 200-Gigabit transceiver in QSFP56 form-factor that splits to 2 100-Gigabit connectivity from 3m to 15m with multi-mode fiber.

Ports	1 QSFP56 200-GbE port (IEEE 802.3cd) to 2 QSFP56 100-GbE port	
Connectivity	Connector type	No separable connector
	Wavelength	850 nm
Physical characteristics	Dimensions	0.72 x 2.86 x 0.33 in. (18.35 x 72.7 x 8.5 mm)
Environment	Weight	0.2 lb. (100 g)
	Transceiver form factor	QSFP56
	Operating temperature	32°F to 158°F (0°C to 70°C)
	Operating relative humidity	5% to 85%, noncondensing
	Non-operating/Storage temperature	-4°F to 185°F (-40°C to 85°C)
Electrical characteristics	Altitude	Up to 10,000 ft. (3 km)
	Power consumption typical	4.5 w
	Power consumption Maximum	5 w
Cabling	Cable type	OM3, OM4
	Cable length	3m ,5m and 15m AOC
	Fiber type	Multi Mode
Services	For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office.	



Technical Specifications

HPE 200Gb QSFP56/4x50/25G SFP56 DAC (R6F27A 2.5m)

A 200-Gigabit transceiver in QSFP56 form-factor that splits to 4 lanes of 50 or 25-Gigabit connectivity 2.5m with multi-mode fiber.

Ports	1 QSFP56 200-GbE port (IEEE 802.3cd) to 2 QSFP56 100-GbE port	
Connectivity	Connector type	No separable connector
	Wavelength	850 nm
Physical characteristics	Dimensions	0.72 x 2.86 x 0.33 in. (18.35 x 72.7 x 8.5 mm)
Environment	Weight	0.2 lb. (100 g)
	Transceiver form factor	QSFP56
	Operating temperature	32°F to 158°F (0°C to 70°C)
	Operating relative humidity	5% to 85%, noncondensing
	Non-operating/Storage temperature	-4°F to 185°F (-40°C to 85°C)
Electrical characteristics	Altitude	Up to 10,000 ft. (3 km)
	Power consumption typical	4.5 w
	Power consumption Maximum	5 w
Cabling	Cable type	MPO to 4xLC
	Cable length	2.5m DAC
	Fiber type	Multi Mode
Services	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
04-May-2021	Version 8	Changed	Overview and Technical Specifications sections were updated.
01-Mar-2021	Version 7	Changed	Overview and Technical Specifications sections were updated.
03-Aug-2020	Version 6	Changed	QuickSpecs layout was updated and Branding Refresh was applied.
06-Apr-2020	Version 5	Changed	Added 25GbE 1m and 0.5m DAC
01-Jul-2019	Version 4	Changed	Overview and Technical Specifications sections were updated
04-Sep-2018	Version 3	Added	Added new cables (DAC & AOC).
04-Dec-2017	Version 2	Added	Added new 25GbE and 100GbE transceivers.
25-Sep-2017	Version 1	New	New QuickSpecs.



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