



# HPE ETHERNET TRANSCEIVERS

## Storage Transceivers



### WHAT'S NEW

- 200GbE QSFP56 Transceivers and Cables

### OVERVIEW

Does interconnect reliability and reach impacting your infrastructure?

Hewlett Packard Enterprise Ethernet Transceivers, Active Optical Cables, and Direct Attached Copper cables are designed to increase the performance of network connectivity, requiring high-bandwidth, low-latency connections between compute nodes, storage nodes, and switch nodes. To verify superior system performance, HPE Ethernet Transceivers, AOCs, and DACs deliver compatibility with Hewlett Packard Enterprise storage solutions and networking adapters.

### FEATURES

#### Advanced Transceiver Features

Designed to increase the performance of network connectivity, requiring high-bandwidth, low-latency connections between compute nodes and switch nodes.

QSFP56, QSFP28, SFP56, SFP28, and SFP+ form factors to reduce cost and improve reliability while delivering industry compatibility.

#### Rigorous Production Testing Delivers Ease of Installation, Performance, and Durability

HPE Ethernet Transceivers exceed industry requirements to deliver high performance and high quality resulting in low or no faults over solution life.

Compliance with Restriction on Hazardous Substances (RoHS) directive.

Transceivers are designed for growing bandwidth in data centers and providing high speed and efficient connectivity.

### Breakout Copper DAC and Optical AOC Cables

Allows Ethernet switches to deliver 100GbE ports, which may further breakout into four 25GbE ports or support for 40GbE, which can further breakout into four 10GbE ports.

Optimized port configuration enables high-speed rack connectivity to the server at 10GbE or 25GbE speeds with 100GbE uplink ports.

Now supporting 200GbE interconnectivity, which may further breakout into four 50GbE/25GbE ports.

## Technical specifications

## HPE Ethernet Transceivers

<b>Ports</b>	SFP+, SPF28, SFP56, QSFP+, QSFP28, QSFP56
<b>Connector type</b>	LC or MPO
<b>Wavelength</b>	850nm and 1310nm
<b>Transceiver form factor</b>	Pluggable transceiver
<b>Cable type</b>	Uses OM3/OM4 LC or MPO Cabling
<b>Fiber type</b>	Multi Mode or Single Mode
<b>Maximum distance</b>	100m OM4 70m OM3 Single Mode out to 500m
<b>Product Dimensions (metric)</b>	33 (L) x 28 (W) x 3 (H) cm
<b>Weight</b>	R4G18-63001 is 0.059 kg R4G19-63001 is 0.072 kg
<b>Warranty</b>	The information contained herein is subject to change without notice. The only warranties for HPE 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. HPE shall not be liable for technical or editorial errors or omissions contained herein.



For additional technical information, available models and options, please reference the [QuickSpecs](#)

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- Deploy
- Integrate and migrate
- Operate and improve
- Financial Services
- Greenlake Management Services
- Retire and sanitize
- IT Training and personal development

### Other related services

[HPE Education Services](#) delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation. Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.

**Defective Media Retention** is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

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.

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