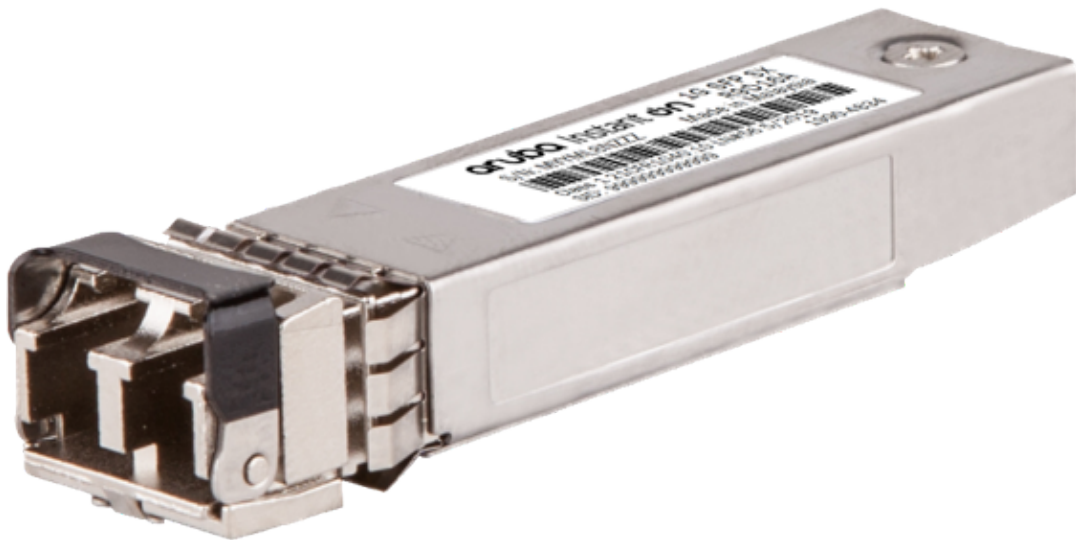


# HPE Aruba Networking Instant On 1G SFP LC SX 500m OM2 MMF Transceiver (R9D16A)



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## What's new

- Extended Temperature optical solutions for 100GbE and 64Gb Fibre Channel

## Overview

Does interconnect reliability and reach impacting your infrastructure?

HPE Networking Transceiver Options 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 Networking Transceiver Options, deliver compatibility with HPE Storage solutions and networking adapters.

## Features

### Advanced Transceiver Features

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

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

Extended Temperature options to support 0 to 85C environmental requirements.

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

HPE Networking Transceiver Options 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 400GbE interconnectivity, which may further breakout into 4x100GbE or 8x50GbE ports, depending upon the customers application.

## Technical specifications

## HPE Aruba Networking Instant On 1G SFP LC SX 500m OM2 MMF Transceiver

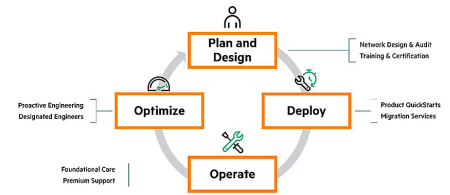
<b>Product Number</b>	R9D16A
<b>Ports</b>	SFP+, SPF28, SFP56, QSFP+, QSFP28, QSFP56, QSFP-DD
<b>Connector type</b>	LC, MPO8, MPO12, or MPO16
<b>Wavelength</b>	850nm and 1310nm
<b>Transceiver form factor</b>	Pluggable transceiver
<b>Cable type</b>	Uses OM3/OM4 LC or MPO (8,12,16) Cabling
<b>Fiber type</b>	Multi Mode or Single Mode
<b>Maximum distance</b>	100m OM4 70m OM3 Single Mode out to 500m
<b>Product dimensions (metric)</b>	1.3 x 1.5 x 5.6 cm
<b>Weight</b>	20 gm
<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

## HPE Aruba Networking Services

HPE Aruba Networking services simplify and accelerate the network technology lifecycle, enabling your network to scale with better predictability and cost-effectiveness. Whether you operate your own network and need to improve your IT efficiencies, or you want to offload some of the burden, we have the services you need to reach your goals.

Learn more about what HPE Services - Aruba Networking has to offer at: [arubanetworks.com/services/](https://arubanetworks.com/services/)



## Support Services from HPE Aruba Networking

Our support portfolio provides the essential support elements as well as proactive and preventive features to help you improve your team's productivity and get the most from your network. Our support customers benefit from faster issue resolution, simplified operations and efficiencies, and reduced network issues.

## Professional Services from HPE Aruba Networking

With deep intellectual capital and purpose-built tools, our team delivers a range of standard and custom professional services designed to accelerate your value from HPE Aruba Networking technology.

### Project based services

#### include:

- Planning, audit, and assessment
- Architecture review and design
- Deployment, migration, and knowledge transfer

### Annual subscription services include:

- Network optimization
- Intelligent Operations
- Customer Experience Management

Make the right purchase decision. Contact our presales specialists.

[Call for availability](#)



Chat now (sales)



Call now



Buy now



Share now



Get updates

Our [Education Services](#) allow your team to come up to speed quickly.

## HPE Aruba Networking Network as-a-Service (NaaS)

Our NaaS solution, HPE Aruba Networking Managed Connectivity Services, part of the HPE GreenLake services family, simplifies network operations, accelerates equipment handling, and increases the value of your HPE Aruba Networking network. If you need expert guidance and automation-based operations for your team, please explore the NaaS approach from HPE Aruba Networking [here](#).

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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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