

Palo Alto Networks 40GBASE-LR4 Compatible QSFP+ Module - 40GBASE-LR4 - 40GbE Single Mode Fiber SMF Optic Transceiver - 40GE Gigabit Ethernet QSFP+ - LC 10km - 1270nm to 1330nm - DDM

**Product ID:** 40GBASE-LR4-ST



The 40GBASE-LR4-ST is a Palo Alto Networks 40GBASE-LR4 compatible fiber transceiver module that has been designed, programmed and tested to work with Palo Alto brand switches and routers. It delivers dependable 40 GbE connectivity over fiber cable, for 40GBASE-LR4 compliant networks, with a maximum distance of up to 10 km (6.2 mi).

Technical Specifications:

- Wavelength: 1270nm to 1330nm
- Maximum Data Transfer Rate: 40 Gbps
- Type: Single Mode Fiber
- Connection Type: LC Connector
- Maximum Transfer Distance: 10 km (6.2 mi)
- MTBF: 95,832,027 hours
- Power Consumption: < 1.3W
- Digital Diagnostics Monitoring (DDM): Yes

This QSFP+ fiber module is hot-swappable, making upgrades and replacements seamless by minimizing network disruptions.

All StarTech.com SFP & SFP+ transceiver modules are backed by a lifetime warranty and free lifetime multilingual technical support. StarTech.com offers a wide variety of SFP modules and direct-attach SFP cables, providing the convenience and reliability you need to ensure dependable network performance.

## Certifications, Reports and Compatibility



## Applications

### Features

- **100% PALO ALTO NETWORKS 40GBASE-LR4 COMPATIBLE QSFP+ TRANSCEIVER:** Designed, programmed and tested to work with compatible Palo Alto Networks switches and routers to deliver reliable 40GbE connectivity
- **TECHNICAL SPECS:** 40GBASE-LR4 40Gbps Single Mode (SMF) LC Connector 1270nm to 1330nm Digital Diagnostic Monitoring (DDM) Distances up to 10km (6.2mi)
- **TESTED FOR OEM HOST COMPATIBILITY:** Hot-swappable in Palo Alto Networks routers and switches; DDM support reports the transceiver's status to most SNMP network management tools
- **WORKS WITH MSA COMPLIANT SWITCHES:** Also works with switch models from Ubiquiti, D-Link, Netgear, Supermicro, TP-Link and more that accept uncoded modules
- **THE IT PRO'S CHOICE:** Designed and built for IT Professionals, this SFP module is backed for life (lifetime of module, not network switch), including free lifetime 24/5 multi-lingual technical assistance.

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### Hardware

Warranty	Lifetime
Compatible Brand	Palo Alto Networks
Industry Standards	IEEE 802.3ba 40GBASE-LR4

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### Performance

Maximum Data Transfer Rate	41.25 Gbps
Max Transfer Distance	10 km (6.2 mi)
Type	Single Mode
Wavelength	1270nm to 1330nm
Fiber Operating Mode	Full-Duplex
DDM	Yes

Compatible Networks	40 Gbps
MTBF	95,832,027 hours
Power Consumption (In Watts)	< 1.3W

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**Physical Characteristics**

Product Length	0.7 in [1.8 cm]
Product Width	4.8 in [12.2 cm]
Product Height	0.3 in [8.5 mm]
Weight of Product	1.7 oz [49 g]

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**Packaging Information**

Package Length	4.5 in [11.5 cm]
Package Width	3.5 in [9 cm]
Package Height	1.2 in [3.1 cm]
Shipping (Package) Weight	1.8 oz [50 g]

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**What's in the Box**

Included in Package	1 - QSFP+ Transceiver
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*\*Product appearance and specifications are subject to change without notice.*