

Price of a 10GB optical module with 300Mbps speed



Overview

FOR Optical Module 10G TL-SM512LM-300M TP-LINK 10GB Network Buy FOR Optical Module 10G TL-SM512LM-300M TP-LINK 10GB Network Switch Transceiver 1pcs at Tima.

Key Takeaways

A 10G SFP+ optical module with 300m reach typically costs between €7.90 and \$20 per unit, depending on brand and vendor.

For example, the 10G-SFP-300 multi-rate SFP+ transceiver is priced at €7.90 and supports 1.25 Gbps to 11.32 Gbps over multimode fiber with a reach of 300 meters on OM3 fiber and 400 meters on OM4/OM5 fiber (850 nm wavelength, LC/UPC duplex connector) . Another source lists a 2-pack of 10GBASE-SR SFP+ modules for 300m at standard 10Gb/s speeds, which is widely compatible with Cisco, Ubiquiti, and Netgear devices . In general, the average market price for 10G SFP+ modules ranges from \$10 to \$300, with short-reach multimode modules (like SR modules for distances up to 300m) typically at the lower end of this range . Prices vary based on factors such as:

- Transmission distance: Short-reach (SR) modules are cheaper than long-reach (LR) single-mode modules.
- Brand and vendor: OEM modules from Cisco, Juniper, or other major vendors are more expensive than compatible third-party modules.

- Optical technology and quality: Modules with stricter tolerances, higher optical power, or extended warranties may cost more.
- Compatibility requirements: Modules certified for specific network equipment may carry a premium. For most enterprise or data center deployments requiring 300m reach over multimode fiber, a low-cost compatible 10G SFP+ module is sufficient, offering reliable performance without the higher cost of branded LR modules. If you are purchasing for a budget-conscious deployment, expect to pay around €8-\$20 per module for standard 10G SR SFP+ modules with 300m reach .

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10Gtek 10GBase-SR SFP+ LC Transceiver, 10G 850nm MMF

Widely used in network switch, server, or NIC with SFP+ to a 10 Gigabit fiber channel network with multimode LC for Network

10G SFP Price Guide: How Much Does a 10G SFP Module Cost

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10 Gigabit Fiber SFP+ Optical Transceiver Module

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