

# Price of a single 10 Gigabit optical module

## Article Overview

The price of 10G SFP+ optical modules currently ranges from approximately \$10 to \$300, depending on type, distance, and brand.

## Price Overview

The average 10G SFP+ module typically costs between \$10 and \$300, with lower-end prices for short-range SR modules and higher-end prices for long-range LR modules or branded optics from major vendors . Factors influencing price include:

- o Transmission distance: SR (short-range) modules for a few hundred meters are cheaper, while LR (long-range) modules for several kilometers cost more .
- o Brand and vendor: Branded modules from Cisco, Juniper, or similar vendors are often priced higher due to support contracts and vendor lock-in .
- o Compatibility and optical technology: Single-mode optics, higher optical power, and stricter performance requirements increase cost .

## Market Context

The global 10G optical module market remains strong, driven by data center expansion, enterprise networking, and 5G deployments . Asia-Pacific leads in both manufacturing and consumption, followed by North America and Europe . Technological trends include higher density solutions, lower power consumption, and enhanced interoperability, which can also affect pricing .

## Supplier Examples

- o FS.com offers a wide range of 10G SFP+ modules with options for different distances and fiber types, typically priced within the \$10-\$300 range .
- o FiberMall provides both fiber and copper 10G SFP+ modules, emphasizing cost-effective and high-density solutions .

## Practical Advice

For most enterprise and data center deployments, reliable 10G SFP+ modules can be purchased well below the highest listed prices without sacrificing performance . Buyers should consider distance requirements, compatibility with existing equipment, and vendor support when selecting modules. In summary, while prices vary widely, most standard 10G SFP+ modules are available for \$10-\$300, with higher costs associated with



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longer distances, branded optics, or specialized performance features .

10GBASE-LR SFP+ transceiver compatible with 80+ brands. 1310nm, 10km SMF, 6dB budget. IEEE

10 Gigabit Connectivity Intellinet Network Solutions 10GBase-LR Fiber SFP+ Optical Transceiver Module, model 507479, is the right

Huawei SFP-GE-LX-SM1310 1GE 1310nm 10km single-mode SFP module for Huawei switches and routers. Check real-time price,

Available at a lower price from other sellers that may not offer free Prime shipping.

Discover Cisco 10 Gigabit Ethernet Modules, offering high-speed, reliable connectivity to enhance network performance and scalability.

10G SFP+ Transceiver Optcore 10G SFP+ transceivers are suitable for 10G Ethernet and fiber channel connectivity. They comply

TRENDnet's SFP+ Single Mode LC Modules are compatible with standard SFP+ slots found on network switches and fiber

Genuine Amphenol 10GBASE-SR SFP+ Optical Transceiver Modules provide a high-density, high-performance interface for 10

The 10 Gbps Multi-Mode Optical Module, model UACC-OM-MM-10G-D-2, from Ubiquiti is a high-performance, dual-rate optical

What is Optical Transceiver Modules/SFP? Optical Transceiver Modules/SFP, also called fiber optic

10GBASE-SR SFP+ to LC Optical 10 Gigabit Ethernet Fiber transceiver module, 10GbE Multimode SFP+

10 Gigabit Fiber SFP + (LC) Single-Mode Optical Transceiver Module The new line of

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About this item 10GBase-SR SFP+: 10 Gigabit Ethernet Multimode SFP+ Module, 10 Gb/s, 850nm

Our 10 Gigabit SFP+ transceivers are designed to provide high-speed fiber optic connectivity for network



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switches and media

The 10Gbps SFP+ to LC Multimode Fiber Transceiver Module provides a powerful solution for creating reliable, high

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