

Price of 10 Gigabit Optical Modules

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 longer distances, branded optics, or specialized performance features .



Price of 10 Gigabit Optical Modules

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

Cisco 100G Optical Modules To meet ever growing bandwidth requirements of service provider and data center networks, 100

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

FS offers a growing portfolio of optical transceivers, with speed range from 100M, 1G, 10G, 25G, 40G, 50G, 100G, 200G, 400G to

The Cisco® 10GBASE SFP+ modules (Figure 1) give you a wide variety of 10 Gigabit Ethernet connectivity options for

10GBase-SR SFP+: 10 Gigabit Ethernet Multimode SFP+ Module, 10 Gb/s, 850nm wavelength, Duplex

10G SFP+ transceivers are available in many different transmitting and receiving types. Users can select

FS provides 50/25/10/1G transceivers modules in SFP/SFP28/SFP56/QSFP28 form factor, supporting transmission distances from

FS 10GbE SFP+ module solutions provide a wide variety of 10 Gigabit Ethernet connectivity options for data centers, enterprise

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

Does this module work in Cisco, Juniper, Aruba, or other vendor equipment? The 10G-SFP-10 can be

Click to get your 10G SFP+ transceiver modules from nearby warehouses. 30-Day Free Return. Trusted by

Buy Cisco 10GBASE-SR S-Class SFP Module for 10 Gigabit Ethernet Deployments, Hot Swappable, 5-Year Standard Warranty

SFP+ transceiver that supports 10G connections up to 400 m using multi-mode fiber with a duplex LC UPC

10G SFP+ Optical Module is a type of SFP+ transceiver that supports 10 Gigabit per second (10Gbps) data rates and



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Featuring a built-in Semtec/Macom chip and reliable DFB laser from global leaders, the 10G SFP+ ER1310 module delivers low

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