

Price for 10G Pluggable Optical Module



Article Overview

The price of a 10G SFP+ optical module typically ranges from \$10 to \$300, depending on type, distance, and brand.

Price Overview

10G SFP+ modules vary widely in price based on transmission distance, optical technology, and brand. Short-reach (SR) modules for multimode fiber, suitable for distances up to 300 meters, are generally the most cost-effective, often priced at the lower end of the spectrum. Long-reach (LR) and extended-reach (ER) modules, designed for single-mode fiber and distances from 10 km to 40 km, are more expensive due to higher optical power requirements and stricter manufacturing tolerances .

Typical Price Ranges

- 10G SFP+ SR (short-reach, multimode fiber, up to 300m): \$10-\$50 per module
 - 10G SFP+ LR (long-reach, single-mode fiber, up to 10 km): \$50-\$150 per module
 - 10G SFP+ ER (extended-reach, single-mode fiber, up to 40 km): \$100-\$300 per module
- Branded modules from major vendors like Cisco or Juniper are often priced higher than compatible third-party modules, sometimes 2-3 times more, due to brand premium, support contracts, and vendor lock-in strategies . Compatible modules from manufacturers like OPTCORE or FS provide similar performance at a lower cost, often saving up to 80% compared to original vendor optics .

Factors Affecting Price...

Article Content

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10GBASE-T Copper RJ45 SFP+ €35.34 | EDGE Optical

10GBASE-T copper SFP+ transceiver, RJ45 with 1G/2.5G/5G/10G multi-rate auto-negotiation, 30 m on Cat

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10GBASE-LR SFP+ 1310nm LC 10km SMF Optical Transceiver Module

Asterfusion compatible 10GBASE-LR SFP+ Transceiver Module, up to 10km over SMF, applied for 10 Gigabit Ethernet, larger

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Cisco SFP-10G-SR Gigabit Interface Converter SFP Module

The Cisco 10GBASE-SR SFP Module delivers a wide variety of 10-Gigabit Ethernet connectivity options for data

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Wholesale 10G SFP+ Optical Transceivers | Affordable price

10G SFP+ Optical Transceiver The 10G SFP+ Optical Transceiver is a compact, hot-pluggable 10G optical transceiver module

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Cisco 10GBASE SFP+ Modules Data Sheet

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

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SFP-10G-SR-S-C Amphenol ProLabs

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Ciena CWDM-SFP10G-1610 10G 1610nm CWDM SFP+ Transceiver

Check Ciena CWDM-SFP10G-1610 Compatible 10G CWDM SFP+ Transceiver module data sheet (SMF, 1610nm, 80km, LC

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Cisco Digital CFP2-DCO Coherent Optical Module Data Sheet

Cisco offers a comprehensive range of pluggable optical modules in the Cisco ONS pluggables portfolio. The wide

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10G SFP+ Optical Transceivers | Transceiver Module

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10G XFP/X2 Transceiver Modules

FS XFP/X2 transceiver module solutions offers a variety of connectivity options for 10G Ethernet, 10G

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Hanutech 10G Multimode SFP+ LC Module, 10GBase-SR Fiber

Hanutech 10G Multimode SFP+ LC Module, 10GBase-SR Fiber Transceiver Multimode SFP Module | Plug N Play | Hot Pluggable |

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Pluggable Optical Modules: Transceivers for the Cisco ONS Family

Cisco offers a comprehensive range of pluggable optical modules for the Cisco ONS family of multiservice platforms.

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10GB SFP Module Guide: Types, Specs, and How to Choose

Understanding the differences between these module types is essential for designing a stable, cost-efficient, and scalable 10G

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Juniper EX-SFP-10GE-LR 10GBASE-LR SFP+ Module 10km SMF LC

The Juniper EX-SFP-10GE-LR is a high-performance Small Form Factor Pluggable 10 Gigabit Ethernet (SFP+) LR Optics module

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Intel Ethernet SFP+ SR Optics

Crafted in a compact small form-factor pluggable enhanced (SFP+) design, this duplex LC connector transceiver supports installation

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The Complete Guide to the Best Choice of 10G SFP+ Optical Modules

The Complete Guide to the Best Choice of 10G SFP+ Optical Modules 10G SFP+ Function Introduction 10G SFP+ (Small Form

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Juniper EX-SFP-10GE-SR 10G SFP+ SR 850nm 300m Transceiver Module

Deploy Juniper EX-SFP-10GE-SR 10G SFP+ SR optics for reliable 850nm MMF links up to 300m on EX Series switches. Optimize

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

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

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Huawei SFP-10G-USR 10G SFP+ Optical Transceiver Module Price

Huawei SFP-10G-USR Overview The Huawei SFP-10G-USR is an enterprise-class SFP+ optical transceiver designed for

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XG-SFP-SR-MM850 10GBASE-SR SFP+ 850-nm 300-m DOM Duplex LC MMF Optical ...

XG-SFP-SR-MM850 10GBASE-SR SFP+ 850-nm 300-m DOM Duplex LC MMF Optical Transceiver Module Applicable to data

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10G SFP+ Transceiver Modules& 10Gbase-T | FiberMall

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

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

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SFP+ Optical Transceiver Modules (10G-SR/LR)

Amphenol SFP Optical Modules • SFP+ Optical Modules from Cables on Demand are Now Available in both Short Range (SR)

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DEM-432XT 10GBase-LR SFP+ Transceiver (10 Km)

Cost-effective solution for 10G fiber connection Small form factor, allowing higher port densities for 10G

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Top 10G SFP+ Fiber Modules for Enterprise Networks: A Strategic ...

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