

How much does a Huawei single-core optical module cost

Article Overview

Huawei single-core optical modules typically range from \$30 to \$150 per unit, depending on type, speed, and vendor.

Price Overview

Huawei single-mode optical modules, such as SFP 1G (SFP-GE-LX-SM1310) and SFP+ 10G (SFP-10G-LR), are available from multiple suppliers. Entry-level 1G modules for short to medium distances generally cost around \$30-\$50, while higher-speed 10G modules for long-distance links can range from \$100-\$150 per unit . Prices may vary based on certification, vendor, and shipping location.

Factors Affecting Price

- o Module Type and Speed: 1G modules are cheaper than 10G or 40G modules.
- o Distance and Wavelength: Modules supporting longer distances (10 km or more) or specific wavelengths (1310 nm, 1550 nm) are more expensive.
- o Certification: Huawei-certified modules ensure compatibility and reliability, which can slightly increase cost compared to non-certified alternatives .
- o Vendor and Bulk Orders: Purchasing from official distributors like GenuineModules.com or marketplaces like Alibaba can affect pricing, with bulk orders often offering discounts .

Where to Buy

- o Official Distributors: GenuineModules.com offers Huawei-certified optical modules with worldwide shipping .
- o Online Marketplaces: Alibaba lists a wide variety of Huawei single-mode optical modules, including bulk options .
- o Specialized Retailers: Router-Switch.com provides detailed specifications and pricing for modules like the SFP-10G-LR .

Recommendation

For reliable performance, especially in enterprise or data center environments, it is recommended to purchase Huawei-certified modules. Non-certified modules may be cheaper but can affect network stability and are not supported by Huawei . Always verify the module's compatibility with your Huawei switches before purchase.



How much does a Huawei single-core optical module cost

Explore the ultimate guide to optical modules. Learn types, functions, performance metrics

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10 Gbit/s SFP+ Optical Module You can use different levels of 10 Gbit/s SFP+ optical modules only with 10 GE

The StarryLink optical module is a core component developed by Huawei for data center networks. It delivers ultra

Therefore, optical modules are also classified into single-mode and multimode modules to support different optical fibers. Single

With the mature commercial use of 400G ZR+ optical modules, IP colored optical boards and gray optical boards have

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

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Find high-quality Huawei SFP modules for optical fiber communications. Compatible with Huawei, Cisco, and other networking

The Huawei 1G eSFP modules variants of SFP-GE-LX-SM1310, eSFP-GE-SX-MM850, and S-SFP-GE

A switch must use optical or copper modules that have been certified for use on Huawei switches. Non-certified optical or copper

Gigabit single-mode single-core optical fiber modules usually have the following specifications: multi-mode 550m, single

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SFP Huawei pricing is determined by a combination of technical specifications, optical performance requirements, and underlying

1. How does a single-core optical module work? The main difference between a single-core optical module and a

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