

Article Overview

Optical modules typically range from \$150 to \$200 per unit, with high-speed 400G/800G modules costing more depending on specifications and form factor.

Price Range and Market Overview

The global market for optical modules in 2024 estimated unit prices at \$150-\$200 per module, with high-speed modules for AI and cloud data centers (400G/800G) commanding higher prices due to advanced technology and performance requirements . Prices vary based on speed, reach, and form factor, with QSFP, OSFP, CFP, and SFP modules being the most common.

Types of Optical Modules

- o QSFP+ / QSFP28 / QSFP-DD: Common for 40G, 100G, and 400G applications; reach ranges from 150m to 80km depending on fiber type and module type .
- o OSFP / OSFP-DD: Used for 400G and 800G high-density data center applications; supports multi-mode and single-mode fibers with MPO connectors .
- o CFP / CPAK: Typically 100G or 40G modules for long-reach applications, including LR4, SR4, and CWDM4 variants .
- o SFP / SFP+: Lower-speed modules (1G-10G) for enterprise networking and storage applications.

Supplier Options

- o Cisco: Offers a wide range of optical modules including CFP, CPAK, and GS7000 series modules. Some modules are remanufactured, which may reduce cost .
- o COBTEL: Provides 400G/800G OSFP and QSFP-DD modules with advanced silicon photonics and MPO connectors, suitable for high-performance data centers .
- o FS: Offers 40G QSFP+ modules with reach from 150m to 80km, suitable for high-density switching and routing .
- o DigiKey: Stocks a large selection of fiber optic transceiver modules with real-time pricing and same-day shipping options .

Considerations for Pricing

- o Speed and Bandwidth: Higher-speed modules (400G/800G) are more expensive due to advanced DSP and silicon photonics technology .
- o Reach and Fiber Type: Single-mode long-reach modules cost more than multi-mode short-reach modules.
- o Form Factor: OSFP and QSFP-DD modules for high-density applications are priced higher than standard



Price quote for optical modules for sale

QSFP+ or SFP+ modules.

o Vendor and Warranty: OEM modules (Cisco, FS) are generally more expensive than third-party or remanufactured modules. For a specific price quote, it is recommended to contact suppliers directly or check online distributors like DigiKey, FS, or COBTEL, providing the required speed, reach, and form factor specifications. This ensures accurate pricing based on current inventory and shipping location.

Why Optical Transceiver Manufacturers Listed Below are for SFP Price Comparison First,

Prices are indicative market ranges, not guaranteed quotes. Final pricing depends on switch coding, warranty,

WhatsApp Hosted by WhatsApp 2026 © WhatsApp LLC Privacy & Terms

FS offers a growing portfolio of 800/400/200/100/40G optical transceiver modules and cables. The super-high density and backwards

FS 25G SFP28 optical transceiver solutions offer a wide variety of high-density and low-power connectivity options for 25 Gigabit

Discover a vast selection of wholesale optical module products for electronics manufacturing from China, India, Korea, etc. Source

Optical Modules Market Outlook 2025-2034 The global optical modules market was valued at \$14.8 billion in 2025 and is projected to

However, price sensitivity in developing markets often delays the adoption of premium optical solutions, and trade restrictions

Optical Module Procurement guide to pricing trends, OEM vs aftermarket insights, and strategic buying tactics to

Comprehensive guide to solar module prices in 2025. Current costs, market trends, buying strategies, and price

LabX.com is your go-to marketplace for buying and selling new, used, and refurbished optics and photonics equipment. Browse our

Optical Modules Market - Significant Industry Insights This research report is a meticulous assessment of the optical modules



Price quote for optical modules for sale

Optical Module Chip Market size was valued at US\$ 823 million in 2024 and is projected to reach US\$ 1.52 billion by 2032, at a

Explore Cisco optics modules for SFP, SFP+, QSFP, QSFP-DD, and high-speed transceiver deployments. Check compatibility,

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Sonore OpticalRendu w/Deluxe Optical Module, Small Green Computer Linear Power Supply for the Rendu, Optical

Web: <https://kremgroup.co.za>

