

Price List for Optical Modules



AI Overview

As of 2024-2025, optical modules typically range from \$150 to \$200 per unit, with high-speed 400G/800G modules commanding higher prices due to demand from AI and cloud data centers.

Pricing Overview The average price of standard optical modules in 2024 was approximately \$150–\$200 per unit, based on global sales of 88–117 million units. Prices vary depending on data rate, form factor, and application, with higher-speed modules (400G, 800G, and emerging 1.6T) used in hyperscale data centers and AI clusters costing significantly more due to advanced technology requirements.

Market Trends Affecting Prices

- High-speed demand:** The shift from 100G to 400G and 800G modules is accelerating, driven by AI workloads, GPU clusters, and cloud computing, which increases the unit cost of advanced modules.
- Supply chain and tariffs:** Global supply chain adjustments and potential tariff changes can introduce price volatility.
- Technological integration:** Silicon photonics and coherent transceivers are reducing costs for some enterprise deployments, but high-performance modules remain premium-priced.
- Competition:** Increased competition in the 400G segment has led to a 12% decrease in average selling prices for certain modules in 2023.

Segment-Specific Insights

- Data center modules:** Account for nearly 45% of revenue, with prices influenced by hyperscale cloud provider investments and AI infrastructure upgrades.
- Telecommunications modules:** Prices are affected by 5G backhaul and metro network expansion, with coherent modules for long-haul transport being more expensive.
- Automotive and LiDAR applications:** Growing demand has increased prices for specialized optical modules by around 30% in 2023.

Summary While standard optical modules remain in the \$150–\$200 range, high-speed and specialized modules for AI, cloud, and telecom applications can cost several hundred dollars per unit, reflecting the combination of advanced technology, supply constraints, and market demand. Buyers should cons...

Article Content

200G/400G/800G Optical Transceiver Modules | FiberMall

200G/400G/800G optical module features up to 40km transmission distances using QSFP56/QSFP-DD footprints for data center interconnect applications - FiberMall

AI photonics selloff sparks bullish calls on SIVE and AAOI

AI optics stocks AAOI (-13.9%), Coherent (-10.4%), Lumentum (-7.4%), and Sivers (-8.7%) slumped amid a broader semiconductor selloff, not company-specific issues. AI analyst

What is SFP Port? Everything You Need to Know

What is an SFP port? The SFP port also refers to a Small Form-factor Pluggable port. It is a compact mechanical slot that accepts an SFP module insert for high-speed data transmission

Optical Transceiver Modules Prices & Specifications

What is Optical Transceiver Modules/SFP? Optical Transceiver Modules/SFP, also called fiber optic transceiver or optical transceiver, is a typically hot-pluggable device used in high-bandwidth data

Optical Transceiver Modules, HUAWEI Cisco SFP SFP+ QSFP

Deploy software configurable line rates and modulation schemes for long-reach amplified DWDM systems or dark fiber systems. Support line rates up to 400 Gbps over a single-fiber bidirectional

Optical Module Price, 2026 Optical Module Price Manufacturers ...

Our Optical Module Price offers exceptional quality within the Communication Module category. Yes, many famous brands offer customization for communication modules.

Optical Transceiver Pricing: Cost Ranges by Speed and Type

See practical price ranges for 1G-100G optical transceivers, DAC/AOC options, and why cost varies by speed, reach and technology — buying tips included.

SFP Module Types, SFP Transceiver Price List

FS SFP module solutions range from Fast Ethernet to Gigabit Ethernet speeds. fibre and copper SFP transceivers can be selected in connector type, fibre type and protocols to meet your requirements.

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Dive into our online wholesale fiber-optic modules products catalog on globalsources ! Source over 614 fiber-optic modules for sale from manufacturers with factory direct prices, high quality & fast

Cisco Optics Modules | Price, Compatibility & Availability

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

Lumentum

Lumentum Holdings Inc. ("Lumentum"), a global leader in photonic solutions, today announced its showcase of technology and product demonstrations designed to meet the

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Wholesale Optical Module Products at Factory Prices from

Find wholesale optical module manufacturers from China, India, Korea, and so on. Source good quality optical module products for sale at factory prices from online Chinese, Indian, Korean, and other

Cisco 10GBASE SFP+ Modules Data Sheet

Product overview The Cisco® 10GBASE SFP+ modules (Figure 1) give you a wide variety of 10 Gigabit Ethernet connectivity options for data center, enterprise wiring closet, and service provider transport

AI hyperscaler effect vaults China's Zhongji Innolight to top of CSI ...

Maker of optical modules surpasses CATL in weighting thanks to off-the-charts demand from Alphabet, Amazon, Meta and Huawei.

What Is the Lifespan of an Optical Transceiver?

Learn the typical lifespan of optical transceiver modules like SFP+, QSFP+, QSFP28, QSFP-DD, OSFP. Discover factors that affect durability, signs of failure.

optical module Price

Comparing optical module prices. You can easily wholesale quality optical module at wholesale prices on Made-in-China .

Optical Transceiver Market Size, Growth Drivers

Passive optical network modules remain essential in broadband rollouts, particularly where regulators mandate fiber-to-the-home coverage.

price list

Laser Diodes | UV | 375 - 400 nm. Laser Diodes | VIOLET | 405 - 415 nm. Laser Diodes | BLUE | 420 - 488 nm. Laser Diodes | GREEN | 510 - 520 nm. Laser Diodes | RED | 635 - 655 nm. Laser Diodes |

OPTICAL MODULE Price

Optical Protection Switching Module. ONS 15454 Optical Service Channel Module. ONS 15454 Enhanced Optical Booster Amplifier Module. ONS 15454 Optical Booster Amplifier Module. ONS

Optical Splitters for Central Office/Headend

CommScope's Optical Splitter Modules are part of our value-added module (VAM) system that provides flexibility, scalability and functionality to an optical transport

What factors influence 400G optical transceiver modules price

Discover the key factors that drive 400G optical transceiver pricing—from form-factor and component costs to market dynamics and sustainability.

Optical Module Price, 2026 Optical Module Price Manufacturers ...

The Optical Module Price is a key item within our extensive Communication Module selection. When seeking a communication module, prioritize factors such as compatibility with your system, speed &

QSFP28 Optical Transceiver Modules for Sale (100G) | Cables on

QSFP28 Optical Transceiver Modules (100G-SR/LR) Buy 100G QSFP28 Optical Transceiver Modules by Amphenol XGIGA Factory-Direct at Cables on Demand in 100GBASE-SR4 (Short-Range

Optical Module Procurement Guide

Optical Module Procurement guide to pricing trends, OEM vs aftermarket insights, and strategic buying tactics to optimize costs, reliability, and total ownership.

Contact Us

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