

Optical module C selling price



AI Overview

The average selling price (ASP) for high-speed optical modules like Optical Module C is currently around \$285 per unit, with variations depending on speed, form factor, and technology. Current Market Pricing Based on recent industry data, optical module ASPs have been influenced by speed upgrades and technology shifts. In 2023, the ASP for optical modules rose to \$285 per unit from \$210 in 2022, driven by the adoption of higher-speed modules such as 400G and 800G, and the transition to silicon photonics-based solutions. Modules using advanced technologies like PAM4 or coherent optics typically command higher prices, while standard 100G modules are priced lower.

Factors Affecting Price

- Transmission Speed and Form Factor:** Modules supporting 400G or 800G (QSFP-DD, OSFP) are more expensive than 100G SFP modules.
- Technology Type:** Silicon photonics and co-packaged optics increase ASP due to higher performance and lower power consumption.
- Market Demand:** Hyperscale data centers, 5G deployments, and AI workloads drive demand, pushing prices upward.
- Supply Chain Constraints:** Semiconductor shortages and lead times beyond 12 weeks can affect pricing and availability.
- Regional Considerations**
 - China:** Largest manufacturing hub, with rapid growth in module shipments and competitive pricing.
 - North America:** Accounts for 42% of global revenue, with ASPs slightly higher due to advanced technology adoption.
 - Europe and APAC (ex-China):** Moderate pricing influenced by local demand and supply chain factors.

Estimated Price Range for Optical Module C

Assuming Optical Module C is a mid-to-high-speed module (100G–400G), the selling price is likely between \$250 and \$350 per unit, depending on vendor, technology, and volume purchased. For 800G or silicon photonics modules, prices can exceed \$400 per unit.

Conclusion

While the exact price of Optical Module C depends on specifications and vendor, \$285 per unit is a reasonable benchmark for current market conditions, with higher-end modules commanding pr...

Article Content

Optical Module Package Market 2025

The optical module market has become increasingly competitive, with average selling prices declining at approximately 15-20% annually for mainstream products. Chinese manufacturers have significantly

Active Optical Module Market Research Report 2034

Active Optical Module market valued at \$10.7 billion in 2025, projected to reach \$35.6 billion by 2034 at 14.2% CAGR, driven by data center expansion and 5G deployment.

Optical Transceiver Market Size, Growth Drivers | Industry Report 2031

The Optical Transceiver Market worth USD 15.42 billion in 2026 is growing at a CAGR of 13.67% to reach USD 29.26 billion by 2031. Coherent Corp., Lumentum Holdings, Broadcom Inc.,

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800G QSFP-DD Optical Module Market Revenue Forecast Driven

The 800G QSFP-DD Optical Module Market is experiencing rapid expansion driven by escalating data center demands, advancements in high-speed optical communications, and the

OSFP Optical Module Growth: What Drives 25% CAGR to 2034?

The OSFP Optical Module market expands rapidly. Analyze key applications like Cloud Services & AI driving a 25% CAGR. Get data on market size, companies, and future trends.

CFP Optical Modules Market: \$14.7B by 2025, 16.4% CAGR

Average Selling Price (ASP) of CFP Optical Modules: Analyzing the pricing trends and average selling prices for different types of CFP modules (e.g., 100G, 200G, 400G) across various

Deep Dive: Optical Module Market

Today, I'm excited to share an in-depth analysis of the global optical module market, an industry I find particularly compelling due to its critical role in data center networks for the

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800G Optical Module

This report aims to provide a comprehensive presentation of the global market for 800G Optical Module, focusing on the total sales volume, sales revenue, price, key companies market

800G OSFP

Display: 24 per page Sort by: Featured View opticswave 800GBASE-XDR8 OSFP PAM4 1310nm 2km DOM MTP/MPO-16 SMF Optical Transceiver Module \$1,199.00 Add to cart Quick view opticswave

Optical Modules Market Research Report 2034

Optical Modules Market Outlook 2025-2034 The global optical modules market was valued at \$14.8 billion in 2025 and is projected to reach \$39.6 billion by 2034, advancing at a compound annual

SFP Module Price

Find competitive sfp module prices for various optical transceivers. Our range includes 1.25G, 10G, and 25G modules with different reach and compatibility.

Deep Dive: Optical Module Market

In terms of pricing, 800G LPO modules have been sold at around \$600 this year, which is cheaper than single-mode conventional optical modules priced above \$700 but more expensive

Optical Transceiver Market Size, Share, Industry Report - 2035

The market is projected to reach USD 15.4 billion in 2026, driven by increasing deployment of 400G and 800G optical modules, rapid expansion of hyperscale data centers, and rising bandwidth demand

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Optical Transceiver Market Size, Growth Drivers

The Optical Transceiver Market worth USD 15.42 billion in 2026 is growing at a CAGR of 13.67% to reach USD 29.26 billion by 2031. Coherent

Global Leader in Materials, Networking, and Lasers

The OCS optimizes data center networks by minimizing electrical switches and optical-electrical-optical (OEO) conversions, resulting in significant cost savings,

Optical Components

Detailed unit shipment forecasts for each Datacom and Telecom optical module category. No market share for detailed unit shipments is provided; unit shipment data from

Optical Modules Market Research Report 2034

In 2025, coherent modules represented approximately 28% of optical transceiver revenue but only about 4% of unit shipments, reflecting their significantly higher average selling prices

Optical Modules

This report aims to provide a comprehensive presentation of the global market for Optical Modules, focusing on the total sales volume, sales revenue, price, key companies market share and

Optical Module Industry Statistics 2026

The optical module industry is facing increasing pressure to reduce its carbon footprint, with 40% of manufacturers targeting net-zero emissions by 2030. Competition in the 400G optical

Optical Module Industry Statistics 2026

Competition in the 400 G optical module segment intensified in 2023, with over 20 manufacturers entering the market, leading to a 12% decrease in average selling prices.

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

SFP Module Prices Comparison by Top 5 SFP

Here comes the question, which 3rd-party optical transceiver manufacturer is reliable to buy the best priced SFP? Are there SFP brands or

Optical Module Chip Market 2025

Average selling prices for 100G optical modules have declined approximately 70% over the past five years, forcing chip vendors to achieve aggressive cost reductions while maintaining performance.

AAOI Optical Transceiver 800G: High-Speed Data Solutions

Price Analysis□aaoi optical transceiver 800g Band Distribution The price range for optical transceivers is extremely wide, from as low as \$2 to \$1,650, reflecting the vast differences in data

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

Contact Us

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