

Price list for QSFP28 coherent optical modules for data center interconnection



AI Overview

QSFP28 modules for 100G data center links typically range from \$150 to \$600 per module, depending on type, reach, and vendor. Price Ranges by Module Type

- SR4** (Short-Range, multimode, up to 100m on OM4 fiber): \$150-\$250 per module. Ideal for intra-rack or nearby rack connections, offering the most economical solution for short-reach links.
- LR4** (Long-Range, single-mode, up to 10 km): \$400-\$600 per module. Suitable for building-to-building or campus-wide interconnects, using four CWDM wavelengths over duplex LC fiber.
- CWDM4** (Single-mode, 2 km-2.5 km): \$350-\$500 per module. Optimized for medium-range data center interconnects with cost-effective wavelength multiplexing.
- ZR4** (Extended Reach, single-mode, up to 80 km): \$800-\$1,200 per module. Used for long-haul metro or telecom links, less common in standard data centers.

Factors Affecting QSFP28 Pricing

- Engineering and Testing Costs:** Modules undergo design verification and reliability testing, including temperature cycling, moisture resistance, and shock tests. These costs are reflected in the final price.
- Bill of Materials (BOM):** Chipsets, optical components, and mechanical casings contribute significantly to cost.
- Production and Yield:** Labor, equipment, and manufacturing yield rates influence module pricing.
- Vendor and Brand:** OEM modules from Cisco, Juniper, or Arista are typically higher priced than third-party vendors like FS, Amphenol, or Cables on Demand.
- Purchase Volume:** Bulk orders often reduce per-unit cost, while small quantities may carry a premium.
- Market Strategy:** Discounts, promotions, or end-of-quarter pricing can affect module cost.

Vendor Examples

- FS.com:** Offers 100G QSFP28 modules with 30-day free returns, prices generally in the \$200-\$500 range depending on type and reach.
- Cables on Demand:** Provides Amphenol QSFP28 modules in SR and LR variants, wit...

Article Content

Arista QDD-400G-DR4 Compatible 400GBASE-DR4 QSFP-DD 500m

Arista Compatible 400GBASE-DR4 QSFP112 4x100G PAM4 1310nm 500m SMF DOM MPO-12/APC Optical Transceiver Module N9570-128QC, 128x 400G QSFP112, NVIDIA Spectrum-4, 51.2Tbps,

OSFP vs QSFP-DD Comparison | 800G Optical Module Form Factors

Detailed analysis of OSFP and QSFP-DD form factors for 800G optical modules. Compare specifications, thermal management, backward compatibility, and choose the right solution

100G DWDM QSFP28 Transceiver Modules | Optical Transceivers

FS 100G DWDM QSFP28 optical transceiver module solutions offer a full range of QSFP28 modules 80km reach. Purchase from nearby warehouses. 30-Day Free Return. Trusted by 260K+ Enterprise

100G QSFP28 Data Center Interconnect (DCI) – NADDOD

They ensure low latency, high reliability, and energy efficiency, supporting future-ready interconnect between distributed facilities. NADDOD's 100G QSFP28 DCI transceiver is widely used in long-reach

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As data center networking standards continue to evolve at a rapid pace, the chip-on-board light emitting diode technologies used in fiber-coupled transmitter arrays are advancing in parallel, enabling more

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Industrial cloud deployments and edge data center growth supporting Industry 4.0 initiatives further drive adoption of high-speed 100G to 800G optical modules. Germany's combination of dense

Global 800G Optical Module Market Size, Share, Growth Analysis ...

Global 800G Optical Module Market Size By Product Type (Coherent Optical Modules, Non-Coherent Optical Modules), By Application (Telecommunications, Data Centers), By Form

Optical Transceiver Market Size, Share, and Trends Analysis 2032

The global Optical Transceiver market size was estimated at USD 13.08 Billion in 2024 and is estimated to grow at a CAGR of 15.41% from 2025 to 2032.

Growth Strategies in 25G Optical Module Market: 2026-2034 Outlook

The 25G Optical Module Market is booming, projected to reach \$8 Billion by 2033, driven by 5G and data center expansion. Learn about market size, growth trends, key players (II-VI,

Datacom Transceivers Now, Next, and Beyond

Strong process development capabilities to realize advanced optical designs (many technologies are industry first) In-house automation stations for Coherent specific technologies and processes (1000+

100G QSFP28 Transceiver Modules

Every 100Gig QSFP28 CWDM4 transceiver is individually tested on a full range of Arista equipment and passed the monitoring of HiFiber's intelligent quality control system.

QSFP-DD Optical Transceivers for High-Speed Connections

Product overview The ongoing explosion of data traffic is driving the need for faster processing, greater bandwidth, and higher density connections within and between data centers. Network operators are

Optical Module & Fiber Optic SFP Module Factory

Beyond the 800G/400G NVIDIA single-mode and multi-mode optical module solutions described above, 800G DAC is also a cost-effective solution for short

100G QSFP28 Transceiver Modules | Optical Transceivers

FS offers a growing portfolio of 100G QSFP28 modules. The 100G QSFP28 module solution provides high-performance 100GbE connectivity for data centres, enterprise core & distribution layers,

Fiber Optic Connector Types: Full Comparison & Selection Guide

Fiber Optic Connector Types: Full Comparison & Selection Guide LC, SC, FC, ST, MPO/MTP compared: ferrule sizes, polishing types, insertion loss, and a decision flowchart to

Hot-Pluggable Optical Modules Market: \$15B by 2025, 12% CAGR

The Hot-Pluggable Optical Modules market is projected to reach \$15 billion by 2025, expanding at 12% CAGR. Growth is driven by cloud services, data centers, and AI infrastructure.

100G QSFP28 Module Cost: Pricing Guide & Factors | Vitex

Discover 100G QSFP28 module pricing. Learn key cost factors, considerations, and real examples to make informed purchasing decisions for your network.

100G ZR Coherent QSFP28 DCO | Tunable | EDGEOPTIC

Our EDGEOPTIC 100G-Q28-DCO-ZR is a multi-vendor compatible 100G ZR Digital Coherent Optics (DCO) QSFP28 transceiver module designed for ultra-long-haul

Global Optical Transceiver Market Strategic Audit 2026

The physics of AI data centers have fundamentally broken the traditional DSP-based optical module paradigm. Scale-up and Scale-out architectures (Scale-Across) demand high

QSFP28 DCO 100G Coherent Optical Transceiver | FiberMall

Before shipment, We will code the optical modules or DAC/AOC cables, and then test them on the corresponding switches to ensure that our products are 100% compatible with your system.

400G Digital Optical Transceiver Market: Share & Growth Drivers

The 400G Digital Optical Transceiver market is projected for significant expansion. Analyze growth catalysts, key players like Cisco and II-VI, and an 11.47% CAGR by 2025. Access market

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.,

QSFP28 Price Guide 2026: 100G Transceiver Costs & TCO

Real QSFP28 pricing for 2026: SR4, LR4, CWDM4, and single-lambda costs. Compare OEM vs third-party, volume discounts, and hidden TCO factors.

100G QSFP28 Optical Transceivers

Browse 48 100G QSFP28 transceivers: SR4, LR4, ER4, ZR4, CWDM, DWDM, BiDi & DCO modules. From €34.75. MSA compliant, 5-year warranty, worldwide shipping.

100G QSFP Transceivers — Transceiver USA

Coherent Finisar QSFP28 optical transceiver modules are used in enterprise and datacenter networks. View price, stock and buy direct from Transceiver USA.

Contact Us

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