

Cost OSFP optical module 200G



Article Overview

The price of 200G OSFP optical modules varies by vendor, configuration, and volume, and is typically available via direct quote from suppliers.

Key Vendors and Options

- Swedish Telecom Opto offers the STC-1.6T-FR8 OSFP224 module, supporting 8 channels of 200G-PAM4 with up to 2 km reach over single-mode fiber. Pricing is available upon request for volume or custom-tuned modules .
- Amphenol provides 200G/lane OSFP modules compatible with DR4, FR4, 2×DR4, and 2×FR4 configurations, supporting 800G/1.6T Ethernet. These modules are compliant with OSFP MSA, IEEE 802.3, and OIF-CMIS standards, and pricing is obtained through direct contact .
- Holight Optic and FS supply high-speed 200G OSFP modules for data centers, AI clusters, and high-bandwidth networks, emphasizing short-reach and high-density deployments. Both recommend requesting a quote for current pricing .
- GIGALIGHT offers 200G OSFP modules for data center interconnection, 5G fronthaul, and long-haul networks, including coherent optical modules and active optical cables. Pricing is also provided on request .

Factors Affecting Price

- **Module Type and Reach:** Modules supporting longer distances (e.g., 2 km or more) or coherent transmission typically cost more.
- **Form Factor and Lane Configuration:** OSFP224, DR4, FR4, and other lane configurations influence cost.
- **Volume and Customization:** Bulk orders or modules with custom tuning may reduc...

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OSFP optical modules include 400G SR8/DR8 and 800G DR8 /FR8 variants. They deliver low latency, high

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Global 200G Optical Module Market Size, Growth Analysis, Trends ...

200G Optical Module Market size was valued at USD 1.2 billion in 2025 & is estimated to reach USD 3.5 billion by

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800G Transceivers — Transceiver USA

Transceiver USA's optical OSFP modules are used in enterprise and datacenter networks. View price, stock and buy direct from

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800G Optical Transceiver Overview: QSFP-DD and OSFP Packages

Optical module is the optoelectronic device that realizes photoelectric and photoelectric conversion in optical

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Charting the Path Toward 1.6T and 3.2T Optical Module

Furthermore, the shift toward 200G/lane optical links in data centers sets the stage for 1.6T and 3.2T

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A Comprehensive Guide to 800G Optical Transceivers

An in-depth guide to 800G and OSFP transceivers, explaining form factors, core features, key advantages,

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100G/200G/400G/800G Ethernet Transceiver | NADDOD

NADDOD comprehensive Ethernet optical transceiver portfolio covers a wide range of speeds and form factors, including 100G

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Complete Guide to OSFP Transceiver: 400G/800G/1.6T

Master OSFP transceiver technology with our comprehensive guide. Covers 400G/800G/1.6T speeds, OSFP vs

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400G OSFP/QSFP-DD/QSFP112 Module Introduction and Selection

FS 400G QSFP-DD module can be paired with optical fiber cables to enable various links, achieving different network

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Arista 400G Transceivers and Cables: Q& A

Arista offers the following OSFP and QSFP-DD optics with an aggregate capacity of 200G to enable interoperability with lower-speed

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200G Optical Transceivers | High-Speed QSFP56 Modules for Data

Boost network performance with 200G optical transceivers. Designed for data centers, 5G, and cloud infrastructure, our QSFP56

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800G OSFP: A Guide to Next-Generation Optical Transceivers

800G OSFP Supporting 800G over eight lanes, these modules offer ultra-high bandwidth suitable for next-generation

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Specification of 200G QSFP-DD PSM8 Optical Module

The 200G QSFP-DD PSM8 utilizes NRZ encoding rules and employs parallel single-mode 8 lanes, also known as

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OSFP Product Family » Acacia

Octal Small Form-factor Pluggable (OSFP) solution that fits into high-density switch and router client ports for optical interconnect links

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InfiniBand 1.6T/800G XDR | InfiniBand Optical Transceivers and Optical ...

FS InfiniBand 1.6T/800G XDR optical modules and cables solution used for high-bandwidth data transmission and data center. Click

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InfiniBand 400G/200G HDR | InfiniBand Optical

Click to get your 400G/200G HDR optical modules and cables from nearby warehouses. 30-Day Free

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Cisco OSFP 800G Transceiver Modules Data Sheet

The Cisco ® OSFP 800G transceiver modules provide 800 Gigabit Ethernet (GE), 2x 400GE, 4x 200GE, and 8x

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A Comprehensive Guide to 400G OSFP Ethernet Optical Transceivers

Comprehensive Product Portfolio In addition to 400G OSFP Ethernet transceivers, NADDOD offers a full range of

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OSFP 2x 200G FR4 CWDM4 Optical Transceiver Module | FiberMall

2x 200G FR4 OSFP PAM4 2 Sets of 4 CWDM lanes MUX/DEMUX design Optical Transceiver Module (1271nm, 1291nm, 1311nm,

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1.6T/800G/400G Transceivers | NADDOD

NADDOD 400G, 800G, and 1.6T transceiver solutions for AI data centers, HPC, and cloud networking. These optical modules deliver

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OSFP Cable Assemblies

Amphenol Commercial Octal Small Form Factor Pluggable (OSFP) Cable Assemblies are compatible with 25G/lane

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Technology from 400G to 800G to 1.6T Transceivers | FiberMall

This paper describes the technical route of optical communication from 400G to 800G to 1.6T optical modules and

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800G Client Optics in the Data Center

For this implementation, most optical modules integrate a gearbox between the eight-lane switch ASIC connection and the four

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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

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1.6T/800G/400G Transceivers | NADDOD

NADDOD 1.6T optical module and 400G/800G optical solutions help build high-bandwidth, high-throughput, and low-latency

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Innovation Trends in OSFP Optical Module: Market Outlook 2026-2034

The OSFP optical module market is booming, driven by high-bandwidth demands in data centers and HPC. Explore

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Arista 200G Transceivers and Cables

Arista's 200G connectivity solutions include optics for single mode fiber (SMF) and multimode fiber (MMF), Active

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OSFP Direct Attach Cables (200G/400G/800G DAC)

OSFP Direct Attach Cables (200G/400G/800G DAC) OSFP Cables (OSFP DAC Cables) by Amphenol Now In-Stock at Speeds up to

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200G Optical Transceiver: QSFP-DD vs OSFP for Data Centers

Explore how Fibrecross's QSFP-DD and OSFP packaged 200G optical transceivers can improve the bandwidth, density and

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800G OSFP

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Optical Transceiver | 200G 400G 800G QSFP-DD & OSFP Modules

Explore optical transceivers for data centers and AI networks, including 200G, 400G, and 800G QSFP-DD and OSFP modules.

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800G Optical Modules Explained: Standards, Types & Use Cases

Therefore, opting for low-power optical modules is essential for reducing operating costs. For instance, the Asterfusion

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1.6T-DR8 - 1.6T OSFP224 500m Transceiver

1.6Tbps OSFP224 optical transceiver module for short-reach high-performance connections - up to 500

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1.6T OSFP224 | AI Ethernet Modules

Home Optical Transceivers AI Ethernet Modules 1.6T OSFP224 DR8 8x 200G PAM4 1310nm 500m Dual MPO-12/APC, Generic

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200G Optical Module Market Research Report 2034

The 200G Optical Module market was valued at \$2.6 billion in 2025 and is projected to reach \$5.73 billion by 2034, growing at 9.2%

Oct 15, 2025

800G/400G Coherent OSFP/QSFP-DD Transceiver Modules | Optical

FS 800G/400G Coherent OSFP/QSFP-DD optical transceiver module solutions offer a range of OSFP/QSFP-DD modules

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200G, 400G and 800G Optical Transceivers: Standards and Form

Explore 200G, 400G, 800G and emerging 1.6T Ethernet technologies, including IEEE standards, PAM4, QSFP56, QSFP-DD, OSFP,

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800/400/200/100/40G Fiber Optical Modules

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

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Optical Transceiver Modules Prices & Specifications

What is Optical Transceiver Modules/SFP? Optical Transceiver Modules/SFP, also called fiber optic

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://iiss.co.za>

Email: sales@iiss.co.za

Phone: +27 63 174 2895

Address: Unit 8, Innovation Park, 15 Rivonia Road, Sandton, Johannesburg, 2196, South Africa

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