

Price list for 1 6TSFP optical modules for data center interconnects



Article Overview

1.6T OSFP optical modules for DCI typically range from \$3,000 to \$6,000 per unit, depending on form factor, distance, and vendor.

Pricing Context

- **High-Performance OSFP Modules** Modules like the MJ-OSFP1.6TB-DR8 support 1.6 Tb/s aggregate throughput over single-mode fiber up to 500 meters, using eight 212.5 Gb/s PAM4 channels. These are designed for AI and hyperscale data center deployments, offering advanced diagnostics, environmental resilience, and compatibility with 200G/400G modules on the remote end. Pricing for such high-end modules generally falls in the \$4,000–\$6,000 range per unit, depending on volume and supplier .
- **Standard OSFP224 and OSFP-XD Modules** Suppliers like FS Europe and FiberMall offer 1.6T OSFP224 and OSFP-XD modules with transmission distances from 500 meters to 2 km. These modules are optimized for high-bandwidth DCI and AI workloads, with features like MPO connectors and PAM4 modulation. Typical pricing for these modules is around \$3,000–\$5,000 per unit, with potential discounts for bulk orders or long-term contracts .
- **InfiniBand 1.6T/800G XDR Modules** For specialized high-performance computing or HPC interconnects, InfiniBand 1.6T/800G XDR modules are available. These modules are priced similarly to OSFP modules, but may vary based on latency, error correction, and vendor support. FS provides these modules with fast delivery and warranty support, making them suitable for enterprise-scale deployments .

Article Content

Data Center Optical Transceiver Market Size, Share, Trends

The global data center optical transceiver market was valued at USD 9.2 billion in 2025 and is projected to reach USD 21.3 billion by

/ 1.6T Optical Transceivers

Fully compliant with OSFP MSA standards, our 1.6T modules are designed for high-performance applications in Ethernet networks,

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1.6T transceiver is High-speed, advanced module for rapid data transfer in data centers, telecom networks, and modern applications

Optical Transceiver Modules Prices & Specifications

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

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

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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1.6T LPO OSFP transceivers are designed for ultra-high-speed data transmission, utilizing advanced LPO (Low Power Optics)

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Optical Modules Market Research Report 2034

The optical modules market was valued at \$14.8 billion in 2025 and is projected to reach \$39.6 billion by 2034, growing at a CAGR of

Contact Us

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