Offshore Price 800G Optical Module SFP



Overview

QSFP-DD Price Guide 2026: 400G/800G Costs & TCO AnalysisThis guide delivers clear, accurate pricing data. It breaks down the current costs for 400G and 800.

Key Takeaways

The offshore price for 800G optical modules typically ranges from $6,000 to $12,000 for third-party QSFP-DD/OSFP modules, with OEM units often priced higher depending on reach and features.

Pricing Overview

The 800G QSFP-DD and OSFP modules are still in a maturing market, with prices influenced by module type, transmission distance, and vendor. For short-reach SR8 modules, third-party vendors offer prices roughly 60–70% of OEM list prices, which generally places them in the $6,000–$8,000 range per module. Longer-reach modules like DR4, FR4, and XDR4 can cost significantly more, with OEM units exceeding $10,000–$12,000 depending on distance and features.

Module Types and ReachSR8 (Short Reach): Up to 60m over OM3 or 100m over OM4 multimode fiber; ideal for in-rack or cross-row connections. DR4 (500m), FR4 (2km), XDR4 (2km): Designed for longer intra-data center or campus links, supporting single-mode fiber. Compatibility: Most 800G modules support major switch brands including Cisco, Juniper, Arista, Dell, HPE, and Huawei.

Vendor OptionsThird-Party Suppliers: FS, QSFPTEK, NADDOD, and SULITON provide competitive pricing and OEM/ODM customization options.

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M Modules: Preferred for critical production workloads due to firmware stability and Digital Optical Monitoring (DOM) integration, but priced higher than third-party equivalents.

Cost-

Saving Considerations

Volume Discounts: Many vendors offer tiered pricing for bulk purchases. Direct Attach Copper (DAC) vs Optical: For short distances (

Article Content

QSFP-DD Price Guide 2026: 400G/800G Costs & TCO Analysis

This guide delivers clear, accurate pricing data. It breaks down the current costs for 400G and 800G modules, provides an objective comparison between OEM and third-party products,

800G OSFP/QSFP-DD | Transceiver Modules

FS provides an expanding portfolio of 800G OSFP/QSFP-DD solutions featuring high-performance, high-bandwidth, and backward compatibility. The 800G

800G Optical Module Market Research Report 2034

Silicon photonics integration, co-packaged optics development, and advances in indium phosphide (InP) laser technology are further compressing module costs, with the price-per-gigabit for

Nvidia Orders Surge: InnoLight and Eoptolink Dominate 60% of 800G

According to sources, the additional 800G optical module orders from Nvidia are primarily captured by InnoLight and Eoptolink, accounting for 60%, with the remaining 40% divided among

800G Optical Module Cost Analysis | TCO Optimization Guide

Complete guide to 800G optical module costs and TCO optimization for AI data centers. Includes pricing analysis, cost comparison, vendor strategies, and ROI calculations for informed

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

The 800G optical module market represents a critical frontier in high-speed optical communication technology, driven by the relentless demand for bandwidth expansion, ultra-low

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

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We will explore the emergence, technical standards, packaging, types, and applications of 800G modules, and answer common questions to help you make informed decisions when selecting

Global 800G Optical Module Market Research Report 2025 (Status

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or

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

800G OSFP Optical Transceiver Modules

Cisco OSFP-800G-DR8 Compatible 800GBASE-DR8 (2x 400G DR4) Twin-port OSFP IHS/Closed Finned Top PAM4 1310nm 100m Dual MPO-12/APC DDM SMF Optical Transceiver Module for

Optical Transceiver Manufacturer | 1G-800G Optics

QSFP & QSFP28 MODULE Custom 400G / 800G QSFP-DD & OSFP MODULE Enterprise & Access Optics Engineered for enterprise networks and access layer

Top Optical Modules for POTN Deployment: SFP, QSFP, and OSFP

Modern optical transport networks are the nervous system of digital infrastructure. As data demand continues to multiply, choosing the right optical module becomes a crucial decision in

The Evolution of 400G, 800G, and 1.6T Optical Modules

With the rapid advancement of AI, HPC, and cloud computing, the demand for high-speed optical modules such as 400G, 800G, and even 1.6T is growing exponentially. This surge is driving

The Ultimate Guide to SFP Modules (2026): Types, Speeds

Confused by SFP vs SFP+? Read the definitive 2026 guide on SFP modules. We explain Single Mode vs Multimode, DDM diagnostics, and how to choose the right transceiver for Cisco, Juniper, and more.

Optical Transceivers SFP SFP28 QSFP28 QSFP-DD 1G to 400G Range

OEM-compatible optical transceivers from 1G to 800G—SFP, SFP28, QSFP28, QSFP-DD & OSFP. MSA-compliant, TAA-certified, lifetime warranty. Find your module today.

SFP vs SFP+ vs SFP28 vs QSFP+ vs QSFP28 vs QSFP-DD vs

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To keep pace with the upcoming 800G optics, enhanced OSFP optics are being developed, focusing on improved signal integrity and thermal efficiency. Interestingly, OSFP can also

SFP Optical Transceivers: How Pluggable Optics Are Reshaping

SFP Optical Transceivers: How Pluggable Optics Are Reshaping Modern Networks in 2026 From gigabit Ethernet to 800G AI data center backbones — discover how SFP technology has

SFP, QSFP, QSFP-DD & OSFP Cages: The 10G-to-800G Selection

See ganged SFP+ cages → Heat Sinks: Integrated vs Riding QSFP-DD cage with integrated heat sink for high-power 400G optics. As optics pass ~12–15W, the cage is the cooling

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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