Price list for OSFP optical transceiver modules for data center interconnection

AI Overview

OSFP optical transceiver modules for data center interconnects typically range from several thousand to tens of thousands of USD per module, depending on speed, distance, and vendor.Pricing and VendorsFS (Fiberstore) FS offers 800G OSFP modules suitable for AI data centers and enterprise networks. Prices vary based on module type, distance, and configuration, with options for 30-day free returns and regional warehouse shipping . FS modules are designed for high performance, low latency, and backward compatibility with existing infrastructure.QSFPTEK QSFPTEK provides 800G OSFP optics with datasheets and price lists available online. These modules emphasize ultra-low latency, low power consumption, and high reliability, making them suitable for AI clusters, hyperscale networks, and ISP interconnects . Pricing is typically listed per module and may vary by order volume.Amphenol Amphenol's OSFP transceivers support 800G and 1.6T Ethernet, with 200G per lane. Modules include DR4, FR4, AOC, and breakout configurations, and are designed for low power consumption, hot-pluggable operation, and digital diagnostics. Pricing is competitive and depends on the specific configuration, distance, and form factor .ME Fiber Optic ME Fiber Optic lists a broad range of optical transceiver modules, including OSFP and QSFP-DD types. Prices vary by data rate (400G–1.6T), transmission distance, and interface type (LC, MPO). Modules are suitable for high-bandwidth data center applications and comply with IEEE 802.3 standards .Factors Affecting PriceData Rate: 400G modules are generally less expensive than 800G or 1.6T modules.Distance: Short-reach (SR) modules cost less than long-reach (LR, ER, or DWDM) modules.Form Factor: OSFP modules are slightly larger than QSFP-DD but offer higher thermal capacity and power budget, which can influence cost.Vendor a...

Article Content

Hot-Pluggable Optical Transceiver Market Trends & 2033 Outlook

The Hot-Pluggable Optical Transceiver market is expanding due to hyperscale data center demand and AI infrastructure build-outs. Analyze key segments and market share to inform strategy.

Leading Optical Transceiver Manufacturer since 2009-FIBERTOP

The company focuses on the optical communication field, integrating R& D, design, manufacturing, and global sales. It provides high-performance and highly reliable optical interconnection solutions for

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

800G OSFP Optical Transceiver Modules

NVIDIA/Mellanox MMS4X00-NM16 (980-9I30J-F4NM00) Compatible 800GBASE-DR8 OSFP IHS/Closed Finned Top PAM4 1310nm 500m MPO-16/APC DDM SMF Ethernet Optical Transceiver

800G OSFP

opticswave 800GBASE-2FR4 OSFP PAM4 1310nm 2km DOM Dual LC Duplex SMF Optical Transceiver Module $1,449.00 Add to cart Quick view opticswave 800GBASE-2LR4 OSFP PAM4 1310nm 10km

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

Cisco 40GBASE QSFP Modules Data Sheet

The Cisco® 40GBASE QSFP (Quad Small Form-Factor Pluggable) portfolio offers customers a wide variety of high-density and low-power 40 Gigabit Ethernet connectivity options for

Transceiver Modules for Data Center Interconnect (DCI)

The NADDOD data center interconnect portfolio includes 800G OSFP transceivers, 400G QSFP-DD transceivers and 100G QSFP28 transceivers to connect scale

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.

Commercial Optical Transceiver Market Trends & Forecast 2034

The Commercial Grade Optical Transceiver market is projected for 11.1% CAGR growth to 2034, driven by data center and enterprise network expansion. Analyze key segments and

NVIDIA/Mellanox Compatible 800G SR8 OSFP PAM4

NVIDIA/Mellanox Compatible 800GBASE-SR8 OSFP Finned Top PAM4 850nm 100m MTP/MPO-16 APC MMF Optical Transceiver Module NVIDIA/Mellanox

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 high-bandwidth, low-latency connectivity with reliable interoperability

How to Source 800G/1.6T Optical Transceivers for AI Infrastructure

Learn how to select, compare, and source verified 400G–1.6T optical transceivers—OSFP/QSFP-DD modules, silicon photonics tech, LTAs, and top manufacturers for AI data centers.

800G OSFP Optical Transceiver Modules

Explore QSFPTEK 800G OSFP optics price lists and datasheets. The 800G optics provide ultra low latency, low power, and high reliability optical interconnect core components for data centers, AI

AI Optical Transceiver Market: $15.44B by 2025, 11.1% CAGR

The AI Optical Transceiver market is projected to reach $15.44 billion by 2025, driven by expanding large model training and data center infrastructure needs. Obtain analytical insights and

800G Transceivers — Transceiver USA

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

400G OSFP/QSFP112/QSFP-DD | Transceiver Modules

The 400G transceiver modules are ideal choice for AI data centers, enterprise networks and service provider networks. Click to get your 400G transceiver modules and cables from nearby warehouses.

Pluggable Optical Modules Market : Global Industry Analysis and ...

Explore the global Pluggable Optical Modules market with expert analysis on growth drivers, trends, key insights, and forecast outlook to 2036.

OSFP Optical Module Market: Key Growth Drivers Analyzed

The OSFP Packaged Optical Module market is projected to reach $5.2 billion by 2025 with a 22% CAGR, driven by data center and cloud computing demands. Access strategic market data.

What Is an SFP and How It Works Explained

What Are SFP Modules? What are SFP Modules? Small form-factor pluggable (SFP) transceivers are a core technology in many networks, providing communication between switches and important

800G Coherent Transceivers

With one of the industry''s most comprehensive optical transceiver portfolios - ranging from 10G SFP+ to 1.6T QSFP-DD and OSFP Modules - EPS Global provides cutting-edge connectivity solutions for

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 2032, advancing at a compound annual growth rate (CAGR) of 12.9%

OSFP Optical Transceiver Market: $10.4B (2021), 15% CAGR Analysis

OSFP Optical Transceiver market valued at $10.4B in 2021, projecting 15% CAGR. Growth is propelled by cloud services, data center expansion, and AI demand. Access key insights.

What is SFP Port? Everything You Need to Know

What is an SFP port? The SFP port also refers to a Small Form-factor Pluggable port. It is a compact mechanical slot that accepts an SFP

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

10G BiDi SFP+ TX1550nm/RX1490nm 70KM LC Optical Transceiver

Get 10G BiDi SFP+ TX1550nm/RX1490nm 70KM LC Optical Transceiver from ETU-Link Technology CO .,LTD,we supply excellent SFP+ 10G BiDi 70KM SFP Module. Long using life,high

800G Transceiver Modules

These 800G optics utilize internal and externally qualified lasers to mitigate supply chain challenges and facilitate substantial AI/ML infrastructure volume. Designed for use in Gigabit

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