

Price list for 100G low-power optical modules for data center interconnect



Overview

A \$35 QSFP28 SR4 module delivers 100G, which equals \$0. At volume, QSFP28 SR4 can reach approximately. First, third-party SR4 modules can cost less than an upscale dinner, even though they deliver 100G connectivity. Second, ZR4 modules show much smaller savings because long-reach optical components account for a larger share of the actual hardware cost. Third, the strongest savings zone is in the. 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, computing networks and service provider applications. It integrates four data lanes in. An Optical Transceiver is a critical optoelectronic component that facilitates seamless electro-optical (E-O) and photo-electric (O-E) conversion within fiber-optic networks. QSPTEK manufactured 100GBASE-ZR4 QSFP28 transceiver module is compliant with QSFP28 MSA Compliant standard. 5W low power consumption for high-speed, efficient data transmission. This product is already in your quote request list.



Article Content

Apr 14, 2026

100G QSFP28 Transceiver Modules | Optical Transceivers

The 100G QSFP28 module solution provides high-performance 100GbE connectivity for data centres, enterprise core & distribution layers, computing networks and service provider applications.

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Single Mode Optical Modules Market 2026

Single Mode Optical Modules Market is witnessing strong demand from hyperscale data centers globally. With increasing bandwidth requirements for cloud computing and AI workloads, 100G-and

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Revolutionizing Data Center Connectivity: The Rise of 800G OSFP Optical ...

Discover the details of Revolutionizing Data Center Connectivity: The Rise of 800G OSFP Optical Transceivers in the AI Era at LonRise Equipment Co. Ltd., a leading supplier in China

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Optical Transceiver Market: \$14.6B Size, 14.2% CAGR Forecast

Optical transceiver market driven by data center expansion & 5G rollout. Analyze \$14.6B market size, 14.2% CAGR, and strategic insights for 2026-2034.

Oct 26, 2025

100Gb/s QSFP28 Transceivers | Optical Interconnect

Amphenol's 100G QSFP28 optical modules include SR4, AOC, AOC break out, CWDM4, LR4, ER4 Lite, ER4 and ZR4 series, which adopt LC or

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Data Center Interconnect Market Size, Share & Trends

The global Data Center Interconnect Market size was estimated at USD 13.55 billion in 2024 and is predicted to increase from USD 15.38 billion in 2025 to

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Choosing Cost-Effective 100G Transceivers for Data Centers

Selecting cost-effective 100G optical modules is crucial for budget management and overall efficiency. This article introduces essential knowledge about 100G optical modules and guides you in choosing

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5G Optical Transceiver Market: \$14.6B by 2024, 14.2% CAGR

5G Optical Transceiver Company Market Share Furthermore, the evolution of the Data Center Market continues to be a critical catalyst. As enterprises and cloud service providers scale

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10G Optical Chip Market Evolution & Growth Outlook 2024-2033

The 10G Optical Chip market projects robust expansion due to increasing data center and mobile network demands. Discover key growth drivers and market valuations.

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QSFP Optical Module Planning for the Future: Key Trends 2026-2034

Explore the dynamic QSFP optical module market, forecast to reach \$14.7 billion by 2025 with a 4.5% CAGR. Discover key drivers, trends, and applications in high-speed networking and data

Aug 03, 2025

100G DCO QSFP28 ZR, Coherent Optical Module for Data Center ...

C-LIGHT introduces its 100G DCO ZR optical module based on the QSFP28 form factor — a cost-effective, low-power, plug-and-play long-haul transmission solution for carriers and enterprise users.

Oct 26, 2025

QSFP28 Price Guide 2026: 100G Transceiver Costs & TCO

Others use third-party optics for access, aggregation, data center interconnect, lab, storage, backup, and general production links where the cost savings are too large to ignore.

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100G QSFP28 Transceivers: Types, Specs and How to Choose

A complete guide to 100G QSFP28 transceivers covering types, specs, reach, compatibility, and how to choose the right module for data center and telecom networks.

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AI Cluster Networking: Architecture, RDMA, and Optics Guide

□ AI Cluster Networking and Optical Modules Optical modules are a core component of modern AI cluster networking. As GPU clusters scale from hundreds to thousands of accelerators, the network

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100G Optical Module, 850 nm, 82m MMF, Low Power

100G optical module with 850 nm wavelength, 82m MMF reach, and 1.5W low power consumption for high-speed, efficient data transmission.

Mar 09, 2026

100GIG QSFP28 SR4 Optical Transceiver Module (100m)

This is a four-Channel, pluggable, parallel, fiber-optic QSFP+ SR4 for 100 or 40 Gigabit Ethernet, Infiniband FDR/EDR and 32GFC applications. This transceiver

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Understanding Optics Module Trends and Growth Dynamics

Data center operators are upgrading to optical interconnects to manage exascale data traffic, with a capital expenditure allocation towards these modules increasing by an estimated 15

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Wholesale Optical Transceivers Module | 100G

Shop high-speed optical transceivers from Unitekfiber. We offer 100% compatible 40G, 100G, and 400G QSFP-DD modules for data centers. Expert technical

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Dac Vs Aoc Vs Optical Modules: Cost & Performance Comparison For Data ...

Modern data centers demand a careful balance of cost, latency, power and reach when choosing interconnects. This comparison focuses on three dominant choices—DAC/AOC pairings (Direct

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Optical Module Package Market 2025

The transition from 100G to 400G optical modules is accelerating as hyperscale data centers adopt these solutions to handle massive workloads. Leading cloud providers have announced plans to

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AI Drives Doubling of 800G Optical Transceiver Shipments in 2025

Within data centers, bandwidth is experiencing explosive growth. In 2024, deployments of high-speed optical transceivers (400G and above) surged by 250% year-over-year, with a further increase of

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