Manufacturers of 100G optical modules



Overview

Global 100G Optical Module Market 2025 by Manufacturers, Regions, This report is a detailed and comprehensive analysis for global 100G Optical Module marke.

Key Takeaways

Leading manufacturers of 100G optical modules include NEC, JTOPTICS, Lanbras, Finisar (II-VI), Cisco, Intel, Lumentum, and Source Photonics. Key Manufacturers and OfferingsNEC produces the 100G QSFP28 optical transceivers, supporting high-speed data transmission at 100Gb/s with options for distances ranging from 10km to 80km. Their modules convert 4x25Gb/s electrical signals into 4-wavelength optical signals using wavelength division multiplexing, suitable for telecom and data center networks.

JTOPTIC

S offers 100G transceivers designed for data centers, enterprise networks, and telecom applications. Their modules comply with 100G 4CWDM 10 MSA and 100GBASE-ER4 standards, supporting both multimode and single-mode fiber for distances up to 100m or longer. Lanbras manufactures a wide range of optical modules, including 100G, 40G, 25G, and 10G transceivers.

Their products are designed for scalable, low-latency data transmission in cloud computing, telecom networks, and high-speed enterprise networking environments.

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Other Notable Global Players

According to market research, other prominent companies in the 100G optical module market include: Finisar (now part of II-VI) – Offers a broad portfolio of 100G transceivers for data communications and telecom applications. Cisco – Provides 100G QSFP28 modules for enterprise and service provider networks. Intel – Supplies high-performance 100G optical modules for data centers.

Lumentum – Manufactures 100G optical transceivers for telecom and enterprise networks. Source Photonics (acquired by Huaxi Holding) – Offers 100G modules for high-speed networking.

AAO

I, Accelink, Hisense Broadband, O-Net – Additional manufacturers with 100G optical module offerings.

Market Insights

The 100G optical module market is growing globally, with Asia-Pacific, particularly China, leading in manufacturing and domestic demand. North America and Europe also show steady growth due to government initiatives and increasing adoption of high-speed networks. Modules are available in various form factors, including QSFP28 and CFP4, and are used in telecommunications, data centers, and enterprise networking.

These companies provide a range of 100G optical modules suitable for different transmission distances, fiber types, and network applications, making them key suppliers for modern high-speed network infrastructure.

Article Content

Global 100G Optical Module Market 2025 by Manufacturers, Regions,

This report is a detailed and comprehensive analysis for global 100G Optical Module market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type

Global 100G Optical Module Market 2024 by Manufacturers, Regions,

Company Analysis: Report covers individual 100G Optical Module manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market

100G DWDM QSFP28 Transceiver Modules | Optical Transceivers

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FS 100G DWDM QSFP28 optical transceiver module solutions offer a full range of QSFP28 modules 80km reach. Purchase from nearby warehouses. 30-Day Free Return. Trusted by 260K+ Enterprise

Global Optical Transceiver company

We deliver high-performance 100G, 400G and 800G optical transceivers optimized for data centers, metro transport and long-haul links. Our modules meet the

Top Optical Transceiver Manufacturers List (2024)

Explore the top optical transceiver manufacturers and their market share. Stay informed about revenue figures and the latest developments in the industry.

100G QSFP28 Transceiver Modules | Optical

FS offers a growing portfolio of 100G QSFP28 modules. The 100G QSFP28 module solution provides high-performance 100GbE connectivity for data centres,

Leading Global Manufacturer of SFP transceiver, Fiber optic

Inphitech was established in year 2011 as an international optical transceiver module manufacturer. We have comprehensive 1.25G,10G, 25G, 40G, 100G, 400G and 800G optical modules for Cloud

100Gb/s QSFP28 Transceivers | Optical Interconnect | Amphenol

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

JTOPTICS 100G Transceivers | High-Performance 100G Solutions

100G Transceivers by JTOPTICS deliver high-speed optical data transmission and are ideal for data centers, enterprise networks, and telecom applications. Engineered for reliability and scalability,

Wholesale Optical Transceivers Module | 100G QSFP28, 40G QSFP

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

AI Data Center Optical Transceiver Module Market 2025–2030

4.2 Competitive Landscape Manufacturing Dominance: Chinese manufacturers hold a dominant position in optical transceiver manufacturing, accounting for approximately 70% of global optical module

Optical module

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Optical modules can either plug into a front panel socket or an on-board socket. Sometimes the optical module is replaced by an electrical interface module that implements either an active or passive

Holo/Or Design & Manufacture Diffractive Optical

HOLO/OR develops, designs & manufactures Diffractive Optical Elements, micro-optics and opto-mechanical modules for laser beam shaping

100GBASE QSFP-100G Modules Data Sheet

QSFP-100G Optical modules Features and benefits of Cisco QSFP modules Hot-swappable input/output device that plugs into a 100G Gigabit

Optical Transceiver Manufacturer | 1G-800G Optics | Wolon

Source premium optical transceivers (1G to 800G) direct from our Wuhan factories. 100% brand compatible, OEM custom options, and rigorous quality testing.

From optical modules to chips: China''s tech supply chains sustain ...

Huagong Tech, an optical module manufacturer based in central China''s Wuhan, launched the world''s first 12.8-terabit XPO module in March, bundling the capacity of eight 1.6T modules into a

Optical Transceiver Module Wholesale,10g/25g/40g/100g SFP+ Optical ...

Fiber optic module manufacturer,ETU-Link supply full model optical transceivers,including standard 8g/10g/25g/40g/100g sfp+ optical modules and copper RJ45 transceiver,wholesale at factory price!

ATW Announces Bulk Repeat Order for Optical Module AOI ...

The order covers our BM316A (WB) and BM316B (DA) optical module AOI systems, together forming a comprehensive inline inspection solution covering key stages of the optical

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