

Companies that supply 800G optical modules to Huawei



Overview

To help you choose the best partner, this article will analyze and introduce 10 companies in the optical transceiver industry chain for you.

Key Takeaways

Key suppliers of 800G optical modules compatible with Huawei include Innolight, Eoptolink, Huagong Tech, Linktel, Accelink, and Wolon.

Major Optical Module Manufacturers

Innolight: A global leader in datacom optical modules, Innolight provides high-speed modules including 100G, 200G, 400G, and 800G. They serve cloud data centers and telecom equipment customers, offering solutions for 5G fronthaul, midhaul, and backhaul networks, as well as backbone and core network transmission modules.

Eoptolink: Specializes in high-speed Ethernet transceivers and has a strong presence in the 800G market, supplying modules for both cloud and telecom applications.

Huagong Tech: Focuses on optical communication modules and devices, contributing to Huawei-compatible 800G solutions. **Linktel:** Provides optical modules and related components for high-speed networking, including 800G modules suitable for Huawei infrastructure. **Accelink:** Offers a broad portfolio of optical transceivers, including 800G modules, and has partnerships with major Chinese cloud providers and telecom operators.



Wolon: Manufactures 1G to 800G optical modules with full compatibility for Huawei and other major brands, offering OEM customization and rigorous quality testing.

Upstream Component Suppliers: Companies like HONTEC produce high-speed PCBs for 800G optical modules, supporting multi-layer designs and high-frequency signal integrity required for Huawei-compatible modules.

Optical Chips and Devices: Suppliers such as TFC, T&S Communications, Advanced Fiber Resources, Borui Technology, and Optowide Technologies provide critical optical components used in 800G modules.

High-

Speed Semiconductor Chips: Companies like Yuanjie Semiconductor and Shijia Photons are recommended for their contributions to high-speed optical chip development, which is essential for 800G module performance.

Summary

Huawei sources 800G optical modules from a combination of specialized Chinese optical transceiver manufacturers and upstream component suppliers. The ecosystem includes module producers like Innolight, Eoptolink, Huagong Tech, Linktel, Accelink, and Wolon, as well as PCB and optical chip suppliers such as HONTEC, TFC, and Yuanjie Semiconductor. These companies collectively enable Huawei to deploy high-speed, reliable 800G optical networking solutions for data centers, AI computing, and telecom networks.

Frequently Asked Questions

What does an optical transceiver do?

Optical modules are mainly packaged by optoelectronic devices TOSA/ROSA, functional circuits and optoelectronic interface components. The optical t...

What is the optical module industry chain?

The upstream industry of optical modules mainly includes optical chips, optical components and optical devices, and the downstream industry mainly...

Who are the main manufacturers and suppliers in the optical module industry chain?

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut elit tellus, luctus nec ullamcorper mattis, pulvinar dapibus leo.

Article Content

10 companies in the optical transceiver industry chain 2024

To help you choose the best partner, this article will analyze and introduce 10 companies in the optical transceiver industry chain for you.

Chinese Optical Modules Own 7 of the Top 10 Seats. So Why Are

In the span of a decade, Chinese optical module companies have claimed 7 of the top 10 seats and secured core supplier status in the AI demand segment. Thanks to the 800G capacity

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

Contact our optical module experts now to get customized solutions for your network needs. Whether it is a standard deployment or a special application scenario, we can provide the best optical

Optical Modules in Intelligent Computing Scenarios

In the AI era, Huawei provides a full range of GE to 800GE optical modules, featuring three major capabilities: Spanning (ultra-long transmission), Stable (ultra-high reliability), and Secure (ultra-solid

Optical Transceiver Market: Top 10 Manufacturers Ranked

Optical transceiver market leaders: the top 10 manufacturers powering 400G and 800G modules for hyperscale data centers and AI networking.

China 800G Optical Module Manufacturers, Suppliers, Factory ...

We're professional 800g optical module manufacturers and suppliers in China, specialized in providing customized service. We warmly welcome you to buy bulk 800g optical module from our factory. All

Chinese Optical Transceiver Suppliers Dominate Global Rankings

Innolight (114% growth) and Eoptolink (#3 global rank) lead Chinese dominance in optical transceivers. Discover how specialist strategies outperformed generalists, 2024 supplier rankings,

StarryLink Optical Module

Huawei's StarryLink optical modules for data center networks offer seamless interconnection from GE to 800GE across all scenarios, delivering customers an ultra-reliable, long-distance, and highly secure

China's Optical Module Leader Eoptolink Sees Market Cap Surge

The company's development trajectory is deeply intertwined with the progression of the digital economy in China and globally, from its early days serving China's domestic 4G network build

Global Optical Transceiver company

Global Optical Transceiver company with local manufacturing in Europe From 100G & Beyond Made in Europe ESTEL designs and manufactures high-performance optical transceivers in Europe, with

Optical Transceiver Market Insights and Growth Report 2026

With this acquisition, Lumentum seeks to integrate Cloud Light's high-speed optical transceiver modules (including 400G and 800G offerings) and its manufacturing and supply-chain capabilities to

Pluggables, Power, and Geopolitics: Mapping the 800G and 1.6T Optical ...

Pluggables, Power, and Geopolitics: Mapping the 800G and 1.6T Optical Transceiver Battle How AI Demand Is Reshaping Market Share, Supply Chains, and Valuations.

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

800G Optical Module Market size was valued at 1.5 billion USD in 2025 & is estimated to reach 5.0 billion USD by 2034, exhibiting a CAGR of 15.0% from 2026-2034

10 companies in the optical transceiver industry chain 2024

The rapid development of AIGC has promoted the demand for 800G optical modules, and the entire industrial chain involving optical components, optical modules, and optical communication

Data Center Optical Transceiver Market Size, Share, Trends

Key Company Insights: Data Center Optical Transceiver Market The data center optical transceiver market is served by a mix of vertically integrated photonics companies, specialized module

DSP, LPO, NPO, CPO: The Four Optical Architectures and the Light

LPO is a move along the second axis: it removes the module DSP and leans more on the host ASIC's SerDes. NPO and CPO are moves along the first axis: they pull the optical engine

Huawei Takes Stake in InP Optical Chip Firm

Against the backdrop of accelerating global deployment of AI computing clusters and intelligent computing infrastructure, demand for 800G

QSFP-DD Transceiver Market Evolution: \$26.5B by 2033 Analysis

Broadcom: A diversified global semiconductor leader, highly prominent in the optical transceiver market with a wide portfolio of high-speed modules, including 400G and 800G QSFP-DD

Contact Us

Continue your research online:

Website: <https://metramarket.es>

Technical inquiry: <https://metramarket.es/contact.html>

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

