

High-end optical module chip supplier



Article Overview

Leading suppliers of high-end optical module chips include Lumentum, II-VI Incorporated, NeoPhotonics, Coherent Corp, Accelink Technologies, Yuanjie Semiconductor, and Shijia Photons.

Key Global Suppliers

- Lumentum (U.S.): Provides high-performance EML and DFB laser chips for medium-to long-reach high-speed modules, including 400G and 800G applications, widely used in data centers and telecom networks .
- II-VI Incorporated (U.S./Global): Supplies high-power EML and DFB lasers, supporting long-distance DWDM systems and high-speed optical communication .
- NeoPhotonics (U.S.): Specializes in high-speed optical communication lasers and integrated devices, commonly deployed in long-distance and coherent optical networks .
- Coherent Corp: Invests in next-generation 800G solutions for cloud computing and AI applications, focusing on laser and detector chips .
- Accelink Technologies (China): Develops advanced optical module chips for high-speed data transmission, including 400G and 800G modules .

Notable Domestic Suppliers

- Yuanjie Semiconductor (China): Recognized for high-speed optical chip development, contributing to domestic breakthroughs in optical module technology .
- Shijia Photons (China): Focuses on high-performance optical chips for data center and telecom applications, supporting high-speed optical modules

Article Content

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The end-to-end process from demand to the completion of optical module design. This article describes the end-to-end

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Sourcing optics for your data center? Discover the top 10 optical transceiver manufacturers in 2026. Compare global giants and

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The latest ranking of the TOP10 global optical module suppliers ...

The figure above illustrates the changes in the list of TOP10 optical module suppliers over the past 12 years.

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Which optical chip manufacturers are used in optical modules?

Overall, the most critical bottleneck in the optical transceiver industry remains high-end optical chips (especially EML

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Which companies manufacture optical module chips for NewEase?

VI. Conclusion Eoptolink's optical module chip supply chain consists of: Imported high-end suppliers: Lumentum, II-VI,

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How many listed companies are there that manufacture optical module chips?

Optical module manufacturers: 4 major Chinese + a small number globally Final Answer ☐☐ Across the entire supply

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Leading listed company in the optical module chip sector

Data center optical interconnect devices Its competitive advantage lies in high-end laser and optical device supply,

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Optical Modules Market Outlook 2025-2034 The global optical modules market was valued at \$14.8 billion in 2025 and is projected to

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Optical Module Market Size, Competitors & Forecast to 2032

Long-term advantage in the optical module market depends on integrating technical innovation with validation discipline and resilient,

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Global Optical Module Suppliers TOP10 Ranking Changes

Overall, the market share and ranking of Chinese optical module suppliers has gradually increased over the past few

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

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What chips are used in optical modules? | Weyland

Optical modules are not isolated chips. Instead, they are complex systems composed of multiple high-speed electrical

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