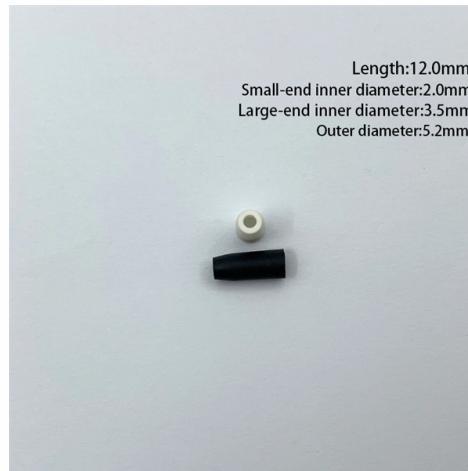


New Third Board Optical Module Companies



Overview

Key organizations have successfully leveraged third-party modules to accelerate network upgrades, reduce total cost of ownership, and achieve multi-vendor interoperability.

Key Takeaways

Emerging optical module companies in China, including startups and high-speed transceiver specialists, are driving innovation in 400G-800G modules and silicon photonics, with several positioned for New Third Board (NEEQ) listing. Leading and Emerging Companies1. Innolight – A global leader in high-speed optical modules, Innolight focuses on 100G, 200G, 400G, and 800G modules for cloud data centers and telecom networks.

The company integrates R&D, design, packaging, and testing, providing solutions for 5G fronthaul, midhaul, and backbone networks, and reported over \$3.3 billion in revenue in 2024 with record profitability. 2.

Eoptolink – Specializing in high-speed optical modules, Eoptolink has grown rapidly, achieving 175% revenue growth in 2024. The company focuses on Ethernet transceivers and serves major cloud and telecom operators in China. 3.

Accelink Technologies – A vertically integrated supplier covering chips, modules, and subsystems. Accelink develops optical chips (PLC, III-V, SiPh) and high-end optical modules, supporting telecom and data networks globally. 4.

Suzhou TF

C Optical Communication – Provides optical devices and high-speed optical engines for 200G/400G/800G modules.

TF

C emphasizes vertical integration and mass production of high-speed optical engines for 5G and data centers. Notable Startups and Innovation Players1. Akhetonics – German startup developing all-optical general-purpose processors for AI nodes, integrating optical memory and processing to reduce power and design costs.

2.

EDWATE

C – Swiss startup specializing in rare-earth ion-doped photonic integrated circuits, enabling compact, scalable optical amplifiers and lasers for silicon photonics systems. 3. Effect Photonics – Dutch company focusing on low-power, tunable lasers and 100ZR DSP solutions for coherent optical interconnects, aiming to compete with established DSP providers.

These startups are often in stealth mode but represent high-growth potential in optical modules and silicon photonics, making them likely candidates for New Third Board listing or strategic partnerships.

Industry Trends

The optical module market is expanding rapidly, projected to grow from \$10.5 billion in 2021 to \$24.7 billion by 2027, driven by 400G–800G modules, 5G deployment, and data center scaling.

Companies are investing in high-speed PCBs, silicon photonics, and co-packaged optics (CPO) to meet the demands of next-generation optical modules. Vertical integration, from optical chips to modules, is a key competitive advantage, as seen in Accelink and TFC.

Conclusion

For investors or partners interested in New Third Board optical module companies, the focus should be on high-speed module specialists and innovative startups like Innolight, Eoptolink, Accelink, TFC, Akhetonics, EDWATEC, and Effect Photonics. These companies are driving technological advancements in 400G–800G modules, silicon photonics, and optical interconnects, positioning them for growth in China's optical communication market.

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?

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Article Content

Third-Party Optical Transceivers Market Report 2025 with Growth ...

Key organizations have successfully leveraged third-party modules to accelerate network upgrades, reduce total cost of ownership, and achieve multi-vendor interoperability.

Top Optical Modules Companies & How to Compare Them (2025)

Access detailed insights on the Optical Modules Market, forecasted to rise from USD 3.5 billion in 2024 to USD 8.2 billion by 2033, at a CAGR of 10.3%. The report examines critical market...

LightCounting :: The TOP10 Transceiver Suppliers for 2024

Companies that lack the focus of a specialist or the scale and reach of a generalist tend to struggle. Accelink (another example of a generalist), Hisense and HGGenuine benefited from the growth in

Optical Transceiver Companies

In November 2023, Accelink Technology Co. Ltd. opened a new subsidiary, Phabritek, in Malaysia to manufacture high-end optoelectronic modules and components for advanced communication

Third-Party Optical Transceivers Market Trend, Size & Share | CAGR

As of 2024, third-party optical transceivers account for approximately 38%–42% of all deployed pluggable transceivers, highlighting strong acceptance beyond OEM alternatives.

Third-Party Optical Transceiver's Market Likely to Boost in Future ...

A performance analysis of Third-Party Optical Transceiver's hidden gems is included in the most recent market study in order to better illustrate the competitive landscape.

Top 10 Optical Module Manufacturers' Annual Reports ...

By 2025, its 800G optical module shipments will exceed 5 million units, making it the global "shipment champion" in the optical module industry, demonstrating significant economies of scale.

Gartner | Delivering Actionable, Objective Insight to

Gartner provides actionable insights, guidance, and tools that enable faster, smarter decisions and stronger performance on an organization's mission-critical priorities.

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 Module Printed Circuit Board (PCB) Technology Innovations ...

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The booming Optical Module PCB Board market is projected to reach \$12.125 billion by 2033, driven by 5G, cloud computing, and high-bandwidth applications. Explore market trends, key

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

LightCounting pointed out that optical module suppliers headquartered in China are starting to move some of their manufacturing to their home country or other countries in Asia. Huawei

Global Optical Module Suppliers TOP10 Ranking Changes

Looking at the recently released 2023 Global Optical Module TOP10 list, Chinese companies even occupy seven seats, with Xutron Technology ranking first for the first time and

Optical Transceiver Companies

Cisco Systems, Inc. offers optical transceiver modules used in various networking applications, ranging from campus to data centers to service provider networks. Its pluggable optics innovation,

AT&S Empowers High-Speed Optical Module PCB Manufacturing

Together with globally renowned optical module manufacturers, find out how AT&S is empowering high-speed Optical Module PCB manufacturing to address the increasing demand. |

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Traction of embedded optical modules highlighted in Counterpoint report

Embedded or integrated semiconductor optical modules are starting to gain traction, with the shipments of On-Board Optics (OBO), Near-Packaged Optics (NPO) and Co-Packaged Optics

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