

Where do optical modules go after they re sold



Overview

In an increasingly competitive market, comprehensive after-sales service is an indispensable part of sales work.

Key Takeaways

Intel's optical module business was sold to Jabil, which now manufactures, develops, and sells these modules, while older modules also circulate in the secondary market for cost-sensitive applications. Acquisition by Jabil

Intel divested its silicon photonics-based optical module business to Jabil, an electronics manufacturing services company, as part of a strategy to focus on its core processor and chip-making operations. Jabil, headquartered in St. Petersburg, Florida, took over manufacturing, sales, and future development of Intel's pluggable optical transceiver product line. This transfer includes Intel's existing customers and ongoing technology development, ensuring continuity in production and support for data center clients.

Deployment in Data Centers

The optical modules, which integrate electrical and optical components for high-speed data transmission, continue to be used in data centers, cloud infrastructure, and AI workloads. These modules are critical for connecting fiber optic or copper-based cables to network switches, enabling efficient, low-power, and high-bandwidth communication. Major data center operators, including hyperscale cloud providers, continue to adopt these modules for both new deployments and upgrades.

Secondary Market Circulation

Older or replaced optical modules often re-enter the market as used or downgraded products. Data centers regularly upgrade hardware, phasing out modules that no longer meet high-speed or low-latency requirements. These modules, while not suitable for top-tier performance, are still functional and are sold in the second-hand market for budget-conscious or low-speed applications, such as internal monitoring or backup links. Additionally, minor defects or non-standard modules from mass production may be downgraded and resold rather than scrapped, optimizing resource use.

Market Implications

The optical module market continues to grow, driven by AI, cloud computing, 5G infrastructure, and automotive applications. Silicon photonics-based modules, like those from Intel, are projected to capture an increasing share of the market due to their high bandwidth and low power consumption. The combination of new production by Jabil and the circulation of used modules ensures both high-performance and cost-effective solutions remain available across the industry. In summary, after the sale, Jabil became the primary manufacturer and developer of Intel's optical modules, while older modules continue to circulate in the secondary market, supporting a wide range of applications from high-end data centers to budget-conscious deployments.

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Optical Module Classification and Common After-Sales FAQs

Explore the classification of optical modules based on transmission rate, package type, mode, central wavelength, and

Deep Dive: Optical Module Market

In terms of pricing, 800G LPO modules have been sold at around \$600 this year, which is cheaper than single-mode

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Buying Ideally when buying used network equipment it would have the SFP modules that you need for your current

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Optical Module Basics: Understanding the Core Concepts Optical modules are compact devices that convert electrical signals into

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