Gigabit Optical Module Supply Quotation



Overview

The global Gigabit BiDi Optical Module market size is expected to reach $ 392 million by 2030, rising at a market growth of 4.6% CAGR during the forecast period (2024-2030).

Key Takeaways

Bulk gigabit optical modules can be sourced from reputable manufacturers at prices starting around 6. 8 RMB per unit, with options for OEM and aftermarket modules depending on quality and compatibility requirements.

Pricing Overview

Gigabit optical modules, supporting 1 Gbps high-speed transmission, are widely used in enterprise network upgrades to ensure stable and uninterrupted data flow. Pricing varies based on module type, manufacturer, and purchase volume. For example, single-mode dual-fiber modules from 1688 platform suppliers typically have a market price above 15 RMB, but bulk purchases can start at 6.

8 RMB per unit, representing over 30% cost savings due to direct factory sourcing.

OE

M modules generally cost more but offer guaranteed compatibility and reliability, while aftermarket modules can provide similar performance at lower prices if sourced from certified vendors.

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Supplier Options

Shenzhen Jiafu Optical Communication Co., Ltd.: Industrial-grade modules tested for long-term operation in extreme temperatures (-40℃ to 85℃) with high stability. Shenzhen Tericon Electronics Co., Ltd. and Shenzhen Kai Zheng Communication Co., Ltd.: Offer large-scale production, customizable wavelengths, interface types, and transmission distances up to 80 km. Shenzhen Sanwangda Network Technology Co., Ltd.: Supports small-batch trial purchases, ideal for testing and verification, with rapid response and 7-day return policies.

Procurement Considerations

Compatibility: Ensure modules match existing network equipment (e.g., Huawei, H3C, Cisco) to maintain 99. 9% transmission stability. Volume Discounts: Bulk orders reduce per-unit cost significantly.

Warranty and Support: Check for extended warranties and supplier reliability to mitigate risks associated with aftermarket modules. Delivery and Lead Time: Some suppliers can ship within hours of order placement, which is critical for urgent network upgrades. Customization: Many suppliers offer adjustable wavelengths, interface types, and transmission distances to suit specific deployment needs.

Cost Optimization

Forecast network bandwidth requirements to avoid over-purchasing or last-minute procurement at inflated prices. Consider a mix of OEM and certified aftermarket modules to balance cost and reliability. Evaluate suppliers based on industrial-grade testing, ISO certifications, and historical performance to ensure long-term network stability.

By carefully selecting suppliers and planning procurement, businesses can achieve high-quality gigabit optical module deployment at optimized costs, ensuring smooth network performance and scalability for future upgrades.

Article Content

Global Gigabit BiDi Optical Module Supply, Demand and Key

The global Gigabit BiDi Optical Module market size is expected to reach $ 392 million by 2030, rising at a market growth of 4.6% CAGR during the forecast period (2024-2030).

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Gigabit optical module 2026 purchasing guide□1688 wholesale platform

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Gigabit optical module procurement guide: 1688 wholesale prices reduced by 30%, direct supply from premium factories

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Cisco Transceiver Modules

Cisco Transceiver Modules - Learn product details such as features and benefits, as well as hardware and software specifications.

Cisco GLC-TE 1000BASE-T Copper SFP Transceiver Module Price

Cisco GLC-TE Overview The Cisco GLC-TE is a high-performance 1000BASE-T SFP module designed for seamless integration into enterprise network infrastructures. It offers robust and reliable Gigabit

Cisco SFP Modules for Gigabit Ethernet Applications

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This data sheet describes the benefits, specifications, and ordering information for the Cisco SFP Modules for Gigabit Ethernet Applications.

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Fiber optic transceiver module

Find out all of the information about the Eoptolink Technology Incorporation product: fiber optic transceiver module 100G QSFP28 . Contact a supplier or the parent company directly to get a quote

Gigabit BIDI Optical Module Market Size, Share & Trends 2035

The Gigabit BIDI Optical Module Market Size was valued at 941.2 USD Million in 2024. The Gigabit BIDI Optical Module Market is expected to grow from 998.6 USD Million in 2025 to 1,800

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