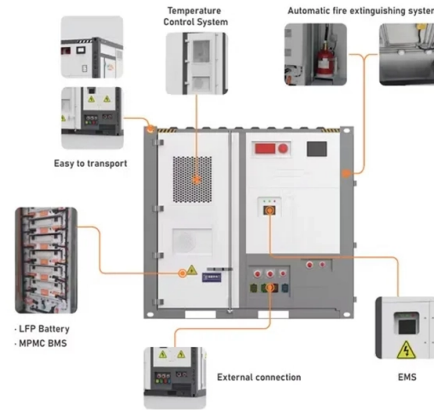


Huawei gigabit optical module price



Overview

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.

Key Takeaways

Huawei gigabit optical modules can be costly as original brand products, but high-quality compatible alternatives offer reliable performance at significantly lower prices. Pricing Overview

Original Huawei gigabit optical modules, such as the LX SFP series, are designed for enterprise and carrier-grade networks and typically carry a premium price due to brand positioning and guaranteed compatibility with Huawei switches. These modules support 1.25Gbps data rates over single-mode fiber, with transmission distances up to 10 km, and adhere to IEEE 802.3z standards, ensuring high reliability and low signal loss.

Affordable Alternatives

Many businesses opt for high-quality compatible modules, which provide the same plug-and-play functionality at a fraction of the cost. For example, gigabit single-mode modules available on platforms like 1688 can be priced as low as \$9-\$10 per unit, while still offering industrial-grade performance, wide temperature tolerance, and multi-brand compatibility including Huawei, H3C, and Cisco. These compatible modules often undergo rigorous stress testing and support auto-negotiation, making them suitable for large-scale deployments without compromising reliability.

Cost Factors

Several factors influence the cost of Huawei gigabit optical modules:

- Brand vs. compatible modules: Original Huawei modules are more expensive, while compatible alternatives reduce per-unit costs significantly .
- Volume procurement: Bulk purchases can unlock tiered pricing and long-term contract benefits .
- Industrial-grade features: Modules with extended temperature ranges, low bit error rates, and high durability may cost more .
- Transmission distance and type: Single-mode modules for long-distance links are generally pricier than short-range multimode modules .

Conclusion

While original Huawei gigabit optical modules are relatively expensive, organizations can achieve cost savings by using high-quality compatible modules without sacrificing performance or reliability. Strategic procurement, including bulk purchasing and selecting compatible alternatives, allows businesses to maintain high-speed network infrastructure while controlling costs .

Article Content

Optical Modules in Intelligent Computing Scenarios

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This document provides an overall description of the CE12800 series switches hardware, helping you obtain detailed information

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Huawei SFP Optical Module Esfp-Ge-Sx-mm850 Gigabit Multi Mode

Huawei eSFP-GE-SX-MM850 is Optical Transceiver. It's a Multi-mode Module. Table 1 shows the Quick Specs. Founded in 2012,

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

