

Quotation for SFP optical module QSFP28



Article Overview

QSFP28 modules in 2026 range from around \$35 for short-reach third-party models to \$280 or more for OEM long-reach modules.

Typical Price Ranges

- Short-reach (SR4) modules: Compatible third-party options can start as low as \$35, offering 100G connectivity over multimode fiber, making them highly cost-efficient at approximately \$0.35 per Gbps .
- Long-reach (LR4) modules: OEM modules can cost \$280 or higher, while compatible third-party LR4 modules may be significantly cheaper, often under \$100, depending on vendor and warranty .
- Specialized or carrier-grade modules: Coherent 100G DWDM, ZR4, or long-haul single-lambda modules can reach several thousand dollars due to optical complexity and certification requirements .

Factors Affecting Cost

- Branding and OEM vs Third-Party: OEM modules often carry a premium for brand, warranty, and platform coding, while third-party modules may meet the same technical specifications at a lower price .
- Technical Specifications: Reach (short vs long), wavelength type (CWDM4, ER4, ZR4), and fiber type (single-mode vs multimode) influence pricing .
- Engineering and Production Costs: Design verification, reliability testing, BOM, assembly, and overhead contribute to the final cost .

Article Content

SFP SFP+ SFP28 QSFP+ QSFP28: Fiber Module Form Factor Guide

Learn the differences between SFP, SFP+, SFP28, QSFP+, and QSFP28 optical module form factors, including speeds, interfaces,

Optical Transceivers SFP SFP28 QSFP28 QSFP-DD 1G to 400G Range

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FS 100G QSFP28 module solutions provide various high-density, low-power 100 Gigabit Ethernet connectivity options for data

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Unitekfiber, a global optical transceiver wholesaler, provides a comprehensive portfolio of MSA-compliant transceivers—including

100G QSFP28 vs SFP112: High-Speed Optical Modules Comparison

QSFP28 and SFP112 are widely used optical modules in high-density data centers, computing networks, and telecommunications.

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