

QSFP28 Optical Module Price List



Article Overview

QSFP28 optical transceiver modules typically range from \$35 for basic short-reach third-party models to \$780 or more for OEM long-reach modules, with most compatible LR4 modules around \$280 in 2026.

Typical Price Ranges

- Short-Reach (SR4) Modules: Prices can start as low as \$35 for common third-party modules, suitable for distances up to 100 meters on multimode fiber .
- Long-Reach (LR4) Modules: OEM LR4 modules can cost \$780 per module, while compatible third-party LR4 modules are often available for \$280 each, supporting 10 km single-mode fiber .
- Extended Reach (ER4/ZR4) Modules: Prices increase with reach, with ER4 and ZR4 modules (up to 80 km) generally costing more due to higher-grade optics and engineering requirements .

Factors Affecting Price

- Vendor Type: OEM modules are typically more expensive due to branding, warranty, and vendor support, while third-party compatible modules offer significant cost savings .
- Engineering and Testing: Costs include design verification, reliability testing, and qualification processes, which are reflected in the final price .
- Bill of Materials (BOM): Chipsets, optical components, and mechanical housing contribute to module cost .
- Production and Overhead: Labor, equipment, and operational expenses, along with profit margins, influence pricing

Article Content

100G QSFP28 Transceivers: Types, Specs and How to Choose

A complete guide to 100G QSFP28 transceivers covering types, specs, reach, compatibility, and how to choose the right module for

QSFP28 MODULE Price

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Understanding QSFP28 Optical Modules: A Comprehensive Guide

In conclusion, QSFP28 optical modules play a crucial role in enabling high-speed data transmission in modern data centers,

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FiberMall offers 100G QSFP28 Optical Transceiver Modules provides 100 Gigabit Ethernet connectivity for up to 100km transmission

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