



Wholesale price for co-packaged photonics QSFP28

Article Overview

Wholesale prices for QSFP28 modules in 2026 range from \$35 for standard third-party SR4 modules to \$300+ for Intel Silicon Photonics co-packaged variants.

Standard QSFP28 Modules

For conventional QSFP28 modules, pricing varies widely depending on type, reach, and vendor:

- o Short-reach (SR4) modules: Can cost as low as \$35 per module, offering 100G connectivity at approximately \$0.35 per Gbps .
- o Long-reach (LR4) and CWDM4 modules: Third-party alternatives typically range from \$280 per module, compared to OEM prices that can exceed \$780 per module .
- o Factors affecting price: Optical performance, vendor branding, EEPROM coding, warranty, and platform support. Third-party modules often meet the same specifications as OEM modules but at a fraction of the cost .

Co-Packaged Photonics QSFP28

Intel's Silicon Photonics QSFP28 modules, which integrate photonics with silicon for high-speed optical connectivity, are priced higher due to advanced technology:

- o Current wholesale pricing examples:
 - o \$61.89 to \$299.99 per module depending on configuration and volume .
 - o These modules support 100-1600 Gbps over several kilometers of fiber, suitable for large-scale data center deployments .
- o Advantages: Co-packaged photonics reduces power consumption, increases bandwidth density, and enables scaling for future high-performance networks .

Procurement Considerations

- o Volume discounts: Bulk purchases can significantly reduce per-unit cost, especially for third-party modules.
- o Compatibility: Ensure modules are compatible with your switch platform and meet required optical standards (e.g., 100GBASE-SR4, LR4, CWDM4).
- o Testing and qualification: Even third-party modules should be validated for performance, thermal behavior, and EEPROM coding before large-scale deployment . In summary, wholesale QSFP28 pricing ranges from \$35 for standard third-party SR4 modules to \$300+ for Intel co-packaged photonics modules, with the exact



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cost depending on reach, vendor, and volume. Co-packaged photonics modules command a premium due to their advanced integration and higher performance capabilities.

QSFP28 price and availability by authorized and independent electronic component distributors.

Seller promptly responded to my messages. Excellent price, shipped quickly. Packaged well and arrived as described.

Coherent announced the general availability of the industry's first dual-laser QSFP28-DCO module designed to enable

Co-Packaged Optics (CPO) is an advanced integration of optics and silicon on a single packaged substrate addressing interconnect

Amphenol's 100G QSFP28 optical modules include SR4, AOC, AOC break out, CWDM4, LR4, ER4 Lite, ER4 and ZR4 series, which

Buy now, ships today. QSFP28-100G-LR4-C - Transceiver Module Networking, General Purpose 100Gbps 1310nm 3.3V LC Duplex

The 100G QSFP28 SR4 optical transceiver transmits data over multi mode fibre at a distance of up to 100m. The transceiver

SPQ-CE-ZR-CDFA (100GE) Form Factor: QSFP28 Data Rate: 103.1 Gb/s Reach: 80 km (with FEC) Temperature: Commercial (C)

Global Co-Packaged Optics Market is expected to grow from \$ 15 mn in 2022 to \$ 2840 mn by 2032, at a CAGR of 68.9% during the

FS offers a growing portfolio of 100G QSFP28 modules. The 100G QSFP28 module solution provides high

IDTechEx's "Co-Packaged Optics (CPO) 2025-2035" explores technical innovations and packaging trends,

The company's first-generation cloud-optimized co-packaged optics (CPO) technology platform with faster

SPQ-CE-LR-IDFF Form Factor: QSFP28 Data Rate: 103.125 Gb/s Reach: 10 km Application: 100GBASE-LR4 Temperature:



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Reale QSFP28-Preise für 2026: Kosten für SR4, LR4, CWDM4 und Single-Lambda. Vergleich von OEM und

The Co-Packaged Optics Market, valued at USD 603.13M in 2026, is projected to reach USD 2900M by

Discover 100G QSFP28 module pricing. Learn key cost factors, considerations, and real examples to make informed

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