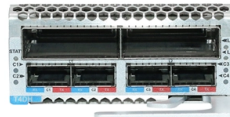


Current price of 800g optical module



Article Overview

The current price of 800G optical modules ranges from approximately \$700 to \$1,900 depending on type, vendor, and volume.

Price Ranges by Module Type

- 800G OSFP-DR8: \$1,100-\$1,400 for volume orders of 1,000+ units, suitable for short-reach data center interconnects .
- 800G QSFP-DD-DR8: \$1,000-\$1,300 for large-volume purchases, commonly used in high-density rack deployments .
- 800G OSFP-FR4: \$1,500-\$1,900, designed for longer reach and more complex optics .
- 800G LPO (Linear Pluggable Optics): \$700-\$900, lower-cost option without DSP .

Factors Affecting Pricing

- Vendor Tier: OEM modules (e.g., Cisco, Arista) typically command a 30-50% premium over third-party compatible modules .
- Volume Discounts: Orders exceeding 1,000 units may receive 10-20% discounts, while orders over 5,000 units can see 20-30% reductions .
- Technology Maturity: Early-generation modules cost 40-60% more than mature products .
- Customization: Special wavelengths, extended temperature ranges, or additional testing can add 15-30% to the base price .
- Market Dynamics: Supply constraints or high demand can temporarily increase prices by 20-40%

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