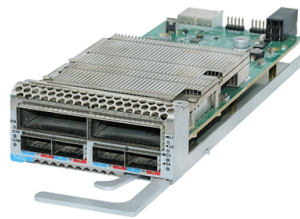


Price list for 100G GPON equipment for data center interconnection



AI Overview

100G DCI equipment, including QSFP28 transceivers and switches, typically ranges from \$3,500 to \$5,000 per unit, depending on vendor, reach, and specifications.

100G Transceivers
NADDOD 100G QSFP28 DCI Transceivers: Designed for long-reach data center interconnects up to 80 km, offering low latency, high reliability, and energy efficiency. Ideal for disaster recovery and multi-site cloud architectures. Prices vary by model and reach, generally starting around \$3,500–\$4,500 per module.
Cisco 100GBASE QSFP Modules: Includes SR4, SL4, and other QSFP-100G modules supporting multimode and single-mode fiber. Link lengths range from 20m to 100m for multimode and longer for single-mode applications. Pricing typically aligns with high-end enterprise transceivers, around \$4,000–\$5,000 per module.

100G Switches
Leaf and Spine Switches: For 100G data centers, a Spine-Leaf architecture is recommended. Leaf switches connect servers with 25G/50G downlinks and 100G uplinks, while spine switches interconnect leaf switches for high throughput and redundancy.
Example Models: Asterfusion CX308P-N (48x25G downlink, 8x100G uplinks) and Marvell Teralynx 7-based spine switches offer ultra-low latency (400–520 ns) and high packet throughput (up to 6300 Mpps). Prices for 100G-capable switches vary widely, typically \$10,000–\$50,000 per switch, depending on port density and ASIC performance.

DCI Equipment Pricing Overview
Average DCI Equipment Price: According to Alibaba listings, high-speed DCI transceivers and switches for data center interconnects are priced around \$3,886 per unit, with wholesale options available.
Factors Affecting Price: Transmission distance (short-reach vs long-reach) Vendor and brand (Cisco, NADDOD, Asterfusion) Module type (QSFP28, CFP, or other form factors) Fiber type and connector compatibility (OM3, OM4, MPO) Recom...

Article Content

100G QSFP28 Data Center Interconnect (DCI) NADDOD

NADDOD 100G QSFP28 Data Center Interconnect (DCI) transceivers deliver ultra-high bandwidth and long-reach transmission up to 80km, ideal for data center disaster recovery, cross-site

100G QSFP28 Data Center Interconnect (DCI) NADDOD

They ensure low latency, high reliability, and energy efficiency, supporting future-ready interconnect between distributed facilities. NADDOD's 100G QSFP28 DCI transceiver is widely used in long-reach

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Price List for Low-Loss Optical Modules for Data Center Interconnection It includes historical shipment data and forecasts for units, prices, and sales of these products to each of the three main market

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Switches up to 40G/100G

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Comparing Total Cost of Ownership for Dark Fiber, Carrier Ethernet,

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100G Ethernet Data Center Switches

Discover the key systems, components, and cooling facilities required for high-performance computing data centers. Learn how industries utilize HPC and explore NADDOD's innovative solutions for

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10G EPON ONU/XG-PON/XGS-PON Archives

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Price List for 100G Carrier-Grade Routers for Data Center

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