

Price List for 40GCFP8 Data Center Interconnect



Overview

SR8 modules dominate modern data center deployments, serving as the workhorse for in-rack and cross-row connectivity. Priced between \$1,400 and \$1,800 from reputable third-party vendors, this range represents the standard entry point for 400G adoption. Independent research from ACG Research compared the three-year Total Cost of Ownership (TCO) for Carrier Ethernet, wavelength services, and dark fiber across metro (50 km), regional (200 km), and long-haul (500 km) deployments. At 100G and above, dark fiber delivers superior savings. At 400G. Shenghuan Insight: For most enterprise and mid-tier DC operators, QSFP-DD 400G DR4 and FR4 remain the sweet spot in 2026 — mature supply chain, competitive pricing on refurbished stock, and proven interoperability across major platforms. Cabling choices are often underestimated — yet they define. This document explains Cloud Interconnect pricing details. The hourly charge for each. The Realise 40G QSFP+ to 4x 10G SFP+ breakout Active Optical Cables (AOCs) offer IT professionals a cost-effective interconnect solution for merging 40G QSFP+ and 10G SFP+ enabled host adapters, switches, and servers. For typical applications, users can install this breakout or splitter cable. Finally, it presents a Total Cost of Ownership (TCO) framework to help you reframe optics from a simple consumable into a strategic infrastructure asset. Effective May 1, 2026, Google Cloud will implement pricing adjustments to the list prices for data transfer out through CDN Interconnect, Direct Peering, and Carrier Peering.

Article Content

Data Center Interconnect (DCI) Market Report, Industry Size

Data Center Interconnect (DCI) Market will witness a robust CAGR of 12.6%, valued at \$8.5 billion in 2024, expected to appreciate and reach \$18.4 billion by 2030, confirms Strategic Market Research.

Data Center Interconnect Market Size & Share 2025

Data Center Interconnect Market Size The global data center interconnect market was estimated at USD 10.7 billion in 2024. The market is expected to grow from

Update Pricing information for Cloud CDN Interconnect

This is an update regarding upcoming pricing changes for CDN Interconnect, Direct Peering, and Carrier Peering. Effective May 1, 2026, Google Cloud will implement pricing

List of Interconnect Devices products for Data Center

Search our portfolio of Interconnect Devices products for Data Center and select your specifications. We offer a wide array of reliable and cost-effective products from standard solutions to custom designs.

400G/800G DC Interconnect: Key Modules | Shenghuan

We stock tested QSFP-DD 400G modules (SR8, DR4, FR4, LR4), Ciena 6500 WDM line cards, Nokia/ALU 1830 PSS components, and Cisco NCS/ASR 400G cards — typically at 40-70%

Data Center Interconnect

Pluggable DCI Data Center Interconnect using 400G-ZR optical modules and the OSFP-LS Arista dramatically simplifies Data Center Interconnect (DCI) using 400G-ZR optics and the OSFP-Line

400G/800G DC Interconnect: Key Modules | Shenghuan

A practical guide to 400G and 800G data center interconnect: QSFP-DD vs OSFP modules, DR4/FR4/LR4 reach options, MPO cabling architecture, thermal budgets, and greenfield vs

H3C S9857 Series Data Center Switches

Powerful Visualization Capabilities With the rapid development of data center technologies, the scale of data centers is expanding quickly, making reliability and maintainability key bottlenecks for further

400G/800G Data Center Interconnect Deployment

Latest trends show 400G switch deployments reaching mainstream adoption while 800G interconnect technology enters production, transforming

Scale, Simplify, and Optimize Data Center Connections Across ...

As more data traffic flows between data centers, you need solutions that allow you to quickly deploy and manage optical and routing infrastructure so you can deliver high-quality experiences for employees

Interconnect Solution for Medium and Large Scale Data

This solution is well-suited for the majority of medium and large-scale data centers, offering a balanced price-performance ratio. For further inquiries, please feel free

All colocation facilities | Cloud Interconnect

For more information, see the Dedicated Interconnect overview. Choose a location for Dedicated Interconnect In the Locations table, each geographic

QSFP-DD Price Guide 2026: 400G/800G Costs & TCO Analysis

QSFP-DD price guide with 400G/800G module costs, OEM vs third-party comparison, volume discounts, and 3-year TCO analysis for data center buyers.

Data Center Interconnect Cost Analysis in the AI Era:

Explore data center interconnect cost models in the AI era. Learn how dark fiber and 100G/400G/800G QSFP modules optimize scalability, performance, and ROI.

Direct Attach Copper (DAC) Cables

High-speed Volex Direct Attach Copper (DAC) cables deliver reliable, energy-efficient data transfer for data centers. Customizable, tested and ready to deploy.

100G/200G Data Center Interconnect

100G/200G Data Center Interconnect Contact us We'll be happy to answer all of your technical, pricing & availability questions

Data Center Interconnect Market Size, Share, and

The global Data Center Interconnect market size was estimated at USD 6.79 Billion in 2024 and is estimated to grow at a CAGR of 3.8% from 2025 to 2032.

Spec Sheet

Supporting 40Gb/s high speed applications for linking switches and other network equipment in long reach applications up to 100 meters, these AOC assemblies incorporate integrated opto-electronics

Cloud Interconnect pricing

Dedicated InterconnectSouth AmericaPartner InterconnectCross-Cloud
InterconnectPricing ScenariosThis section describes different pricing scenarios for how Google Cloud calculates pricing for Cloud Interconnect outbound data transfer; that is, when a virtual machine (VM) instance or a non-VM Google Cloud product or service sends traffic to your on-premises location over a VLAN attachment located in the same or different geographical location: ...See more on cloud.google PHXFIBER

40G Ethernet Switch Wholesale, Data Center Switches

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