

Price of 1000-port optical switches



Article Overview

1000-port optical switches are high-end, enterprise-grade devices typically priced in the tens to hundreds of thousands of dollars, depending on configuration and vendor.

Overview

1000-port optical switches are extremely large-scale network devices used in data centers, telecom networks, and optical test labs. Unlike standard commercial switches, which usually range from 4 to 52 ports (as seen in Versitron and OZ Optics offerings), 1000-port switches are custom-built or modular systems. They often require rack-mountable configurations, advanced MEMS or mechanical switching technology, and support for single-mode or multi-mode fibers .

Pricing Estimates

- **Enterprise/Carrier-Grade Switches:** A 1000-port optical switch can cost \$100,000 to \$500,000 or more, depending on features such as insertion loss, channel isolation, switching speed, and fiber type.
- **Modular or Pick-A-Port Systems:** Vendors like Versitron offer modular switches that can be scaled to high port counts, but pricing is quote-based and depends on the number of modules and SFP transceivers used .
- **Custom Solutions:** Companies like OZ Optics provide turnkey systems with MEMS technology and touch-screen interfaces, which are priced individually based on configuration and fiber type .

Factors Affecting Price...

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Fiber-optic Prism Optical Switches

These component-style fiber-optic prism optical switches utilize moving prisms between fixed collimator pairs, which allows bi

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D1000 cat6A fiber optic switches backup 10gigabit 10/100/1000

The Market Central D1000 A/B Layer 1 Switch connects port A or port B to a Common (C) port through latching or non-latching

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Campus Switches RG-SF2920-16GT2SFP 16-Port GE All-Optical Switch

RG-SF2920-16GT2SFP 16-Port GE All-Optical Switch, 2 × Gigabit Uplink Optical Ports Various port combinations, rate increase,

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Fast, Gigabit, and 10 Gigabit Ethernet Switches with SFP+ Modules

Managed and unmanaged Layer 2 and Layer 3 fiber optic Ethernet switches. With 10G SFP+ fiber optic transceiver modules, they

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Linksys SE3008: 8-Port Gigabit Ethernet Unmanaged Switch

Linksys SE3008: 8-Port Gigabit Ethernet Unmanaged Switch, Computer Network, Auto-Sensing Ports Maximize Data Flow for up to

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Amazon : Zhpuostd 3 Ports Mini Industrial Gigabit Ethernet Switch

Mini industrial 3-port 10/100/1000T + 1-port 100/1000X SFP Gigabit Ethernet switch, features 12-48VDC input. Unmanaged design,

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Network Switches – Managed, Unmanaged, PoE & 10GbE | Newegg

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FOS-1000 Fiber Optic Switches OZ Optics

With the FOS-1000 series, OZ Optics now provides turnkey, rack-mountable optical switches with built-in electronics and color touch

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10 port managed Ethernet to multimode fiber optic switch, EL1000

The EL-1000-4GM is a 10-port managed Industrial Ethernet Layer 2 switches. Compact Ethernet switch with 2 fiber optic and 8 RJ45

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Cisco Switch Price List 2026

Compare Cisco switch prices for 2026. Find Catalyst 9000, Nexus, CBS Business series switches with updated GPL

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Multi Ports Fiber Optic Network Switch 1000 Base

OFS-GSF1DT16-20 series is a Layer 2 + Optical Ethernet switch with 1*1000Mbps Optical fiber ports and 16*10/100Mbps RJ45 ports.

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10/100/1000Mbps + 10 Gbps Switches | Newegg

SonicWall Managed PoE Switch SWS14-24FPOE | 02-SSC-2468 28 Ports - Manageable
- 2 Layer Supported - Modular - 500.40 W

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Optical Switches

The fastest, smallest, most reliable optical switches in the industry. Used in medical devices, undersea cables, quantum computers,

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Industrial 8-Port 10/100/1000Mbps Ethernet Optical Fiber ...

About this item [Gigabit Fiber to Ethernet Switch]—The RJ45 ports and SFP ports all supports 1000Mbps network transmission, 10

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Cisco Catalyst 1000 Series Switches Price & Spec

Check Cisco Catalyst 1000 series switches price and buy them with best discount. Fast shipping and free tech support.

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FOS-1000

The FOS-1000 from OZ Optics Ltd. is a Fiber Optic Switch with Insertion Loss 0.4 to 1.5 dB, Operating Temperature 0 to 70 Degree

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Amazon : 1000 Mbps Switch

TP-Link TL-SG105, 5 Port Gigabit Unmanaged Ethernet Switch, Network Hub, Ethernet Splitter, Plug & Play, Fanless Metal Design,

May 27, 2026

Cisco C1000-24P-4X-L 24-Port PoE+ Gigabit Switch 4x10G SFP+ Price

Cisco C1000-24P-4X-L Catalyst 1000 switch with 24x PoE+ 10/100/1000 ports, 195W PoE budget and 4x 10G SFP+ uplinks.

Jun 12, 2026

Fiber Optic Switches FOS-1000-2

The OZ Optics Rack Mount Fiber Optic Switch (FOS-1000-2) and Bench Top Fiber Optic Switch (FOS-1000-1) represent advanced

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