

How much does a switch with fiber optic ports cost

Article Overview

Fiber optic switch pricing varies widely based on port count, speed, and features, ranging from a few hundred dollars for small unmanaged switches to several thousand dollars for high-end 24-52 port managed or 10G switches.

Pricing Overview

- o Small Port Switches (4-8 ports): Entry-level unmanaged fiber switches with 1G ports typically start around \$200-\$500, suitable for small office or lab setups (Versitron, Fiber Savvy) .
- o Medium Port Switches (12-24 ports): Managed switches with 1G or 10G SFP/SFP+ modules generally range from \$1,000 to \$3,000, depending on brand and features. For example, Cisco Catalyst 9300 24-port fiber switches are listed in the Cisco price list at several thousand dollars per unit .
- o High Port Density Switches (48-52 ports): Industrial or commercial-grade managed switches with 10G SFP+ support can cost \$4,000-\$10,000 or more, especially if they include PoE, modular flexibility, or ruggedized industrial design .

Factors Affecting Price

- o Port Count: More ports increase cost due to additional hardware and higher throughput requirements.
- o Speed and Bandwidth: 10G or 25G SFP+ modules are significantly more expensive than 1G ports.
- o Managed vs Unmanaged: Managed switches with Layer 2/3 features, VLAN support, and network monitoring are pricier than unmanaged plug-and-play models .
- o Industrial vs Commercial Grade: Industrial switches designed for harsh environments (temperature extremes, vibration) carry a premium.
- o PoE Support: Power over Ethernet adds cost, especially for higher wattage per port.
- o Modular or SFP Flexibility: Switches that allow interchangeable SFP/SFP+ modules or Pick-A-Port configurations are more expensive but offer long-term scalability .

Where to Buy

- o Versitron: Offers 4-52 port switches, managed/unmanaged, industrial/commercial, with lifetime warranty .
- o Fiber Savvy: Provides competitive pricing and expert guidance for project-specific needs .
- o Amazon: Wide selection of 1G, 2.5G, and 10G fiber switches for smaller deployments .
- o Cisco: Enterprise-grade switches with official pricing available via Cisco Global Price List .

Recommendation

For budgeting, consider your required port count, speed, and management features first. Small setups can use



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unmanaged 1G switches under \$500, while enterprise or industrial networks with 24-52 ports and 10G SFP+ modules may require several thousand dollars per switch. Contact vendors directly for quotes, as pricing can vary with volume, warranty, and optional modules.

Check 24 PORT FIBER SWITCH price from the latest Cisco price list 2022.

1-16 of over 2,000 results for "fiber network switch"; Results Check each product page for other buying options.

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Product description SFP Ethernet Fiber Optic Switch, 1000m Ethernet Fiber Optic Transceiver, 4 Optical Ports 2

Features Control signal choices for fiber optic switches include RJ-45, RS232, RS422, and TTL. Common switch features include

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