

Gigabit Fiber Optic Switch PoE



Article Overview

Gigabit fiber optic switches provide high-speed network connectivity with both fiber and Ethernet ports, supporting PoE, SFP modules, and flexible deployment in commercial and industrial networks.

Overview

A Gigabit fiber optic switch is a network device that connects multiple devices over both fiber optic and Ethernet cables, offering 1 Gbps (Gigabit) bandwidth per port. These switches are essential for extending networks over long distances, integrating fiber and copper connections, and supporting high-speed data transfer in enterprise, industrial, and ISP environments .

Key Features

- **Port Types and Numbers:** Common configurations include 8 to 52 ports, combining RJ45 Ethernet ports and fiber SFP or SC ports. Some switches offer modular SFP slots to support multimode or singlemode fiber .
- **PoE Support:** Many switches provide Power over Ethernet (PoE), allowing devices like WiFi access points, IP cameras, and VoIP phones to receive power through the network cable .
- **Managed vs Unmanaged:** Managed switches allow configuration, monitoring, and VLAN setup, while unmanaged switches are plug-and-play for simpler deployments .
- **Industrial vs Commercial Grade:** Industrial switches are designed for harsh environments with extended temperature ranges and rugged construction, whereas commercial switches are suitable for office or data center use

Article Content

Jul 04, 2026

Cisco Catalyst 1000 Series 24-Port and 48-Port Switch Hardware ...

Cisco Catalyst 1000 24-Port and 48-Port Switches This section describes the front panel components of Cisco Catalyst

Dec 15, 2025

GbE Switch

Industrial 8 Port Gigabit PoE+ Switch w/2 SFP MSA Slots - 30W - Layer/L2 Switch
Hardened GbE Managed - Rugged High Power

Oct 23, 2025

Fiber Optic PoE Switch | Gigabit & SFP Port Options

Explore high-quality fiber optic PoE switches with Gigabit and SFP port options. Choose from brands like D-Link, TP-Link, and

Mar 17, 2026

Campus Switches RG-SF2920-8GT2MG2XS-P 8-Port GE All-Optical PoE Switch ...

All-Optical Ethernet Switch RG-SF2920-8GT2MG2XS-P The Ethernet architecture and novel Fiber-to-the-Room (FTTR) deployment

Feb 18, 2026

DS-3E1528P-EI

Hikvision's complete people and vehicle access control management solution that delivers fast, seamless, and secure access for

Mar 15, 2026

Gigabit 28-port PoE switch-PoE Switch

Unmanaged PoE fiber switch with 26*10/100/1000M RJ45 ports and 2*1000M uplink SFP fiber ports. Port 1

Mar 10, 2026

Gigabit PoE Switches | 1Gb PoE Switch | PoE powered Gigabit

PoE Powered Gigabit Switch supports features, including scheduled power cycles, power budgeting, port settings, Layer 3 network

Jan 11, 2026

Gigabit Ethernet Fiber Optic Switch with 48 Ports & PoE

High-capacity fiber optic switch with 48 ports, PoE support, and 336 Gbps switch capacity for efficient

Sep 27, 2025

TP-Link Fast Ethernet SFP to RJ45 Fiber Media

Amazon : Buy TP-Link Fast Ethernet SFP to RJ45 Fiber Media Converter | Fiber to Ethernet Converter |

Jun 17, 2026

Amazon : Fiber Switch 8 Port

Hanutech Unmanaged PoE Switch 8 Port Gigabit (8*10/100/1000Mbps PoE+2*1000Mbps Fiber Optic SC Ports 1310/1550nm

Jul 16, 2026

EDS-G512E Series

The EDS-G512E Series is equipped with 12 Gigabit Ethernet ports and up to 4 fiber-optic ports, making it

Feb 08, 2026

Glasfaserswitch/LWL Switch in diversen Formen

Wir führen eine große Auswahl diverser Switches (Glasfaserswitch, LWL Switch, SFP Switch) in

May 13, 2026

PoE Switch | Omniton Systems

Omnitron Power over Ethernet (PoE) switches enable distance extension over fiber optic cabling to network edge devices. They are

Nov 17, 2025

Gigabit 6-port L2+ managed PoE switch-PoE Switch

L2+ managed PoE switch with 4*10/100/1000M RJ45 ports and 2*100/1000M uplink SFP fiber ports. Port 1

Jul 04, 2026

MikroTik · Switches

An outdoor 18 port switch with 16 Gigabit PoE-out ports and 2 SFP+. Power all your access points anywhere!

Apr 05, 2026

TFI supply a full range of new and refurb cisco switches

Combining 10/100/1000 and Power over Ethernet (PoE) configurations with Gigabit ethernet & fibre uplinks,

May 27, 2026

Amazon : Fiber Switches

Discover fiber switches designed for reliable network connectivity. Browse 10G, 2.5G, and gigabit options to expand your bandwidth.

May 10, 2026

8 ports 10/100/1000M PoE + 8 SFP slot Gigabit Uplink, Managed

L2+ managed industrial PoE fiber switch with 8*10/100/1000M PoE ports and 8*100/1000M uplink SFP slot ports, Port 1-8 can

Nov 06, 2025

Amazon : Fiber Network Switch

NETGEAR 10-Port PoE Gigabit Ethernet Smart Switch (GS110TP) - Managed, with 8 x PoE+ @ 55W, 2 x 1G SFP, Optional Insight

Nov 18, 2025

Fiber Optic Network Switches

VERSITRON manufactures a wide range of fiber optic switches that provide links for your 10Base, 100Base, 1000Base Gigabit, and

May 16, 2026

Cisco Switch Selector

These entry-level, noiseless Gigabit Ethernet switches provide enterprise-class Layer 2 switching with

Jul 08, 2026

DS-3E1526P-EI 24-Port Gigabit Smart PoE Switch

24 x gigabit PoE RJ45 ports, 1 x gigabit RJ45 port, 1 x gigabit fiber optical port Total PoE power budget 370 W Unified cloud

Apr 16, 2026

Ethernet-to-Fiber Media Converters

Moxa's Ethernet to Fiber media converters feature innovative remote management, industrial-grade reliability, and a flexible, modular

Jan 06, 2026

TP-Link TL-SG1428PE 24 Port Gigabit PoE Switch Easy Smart

Buy TP-Link TL-SG1428PE 24 Port Gigabit PoE Switch Easy Smart Managed 24 PoE+ Port @250W w/ 2 UL Gigabit Ports + 2 SFP

Nov 23, 2025

Gigabit Fiber to RJ45 Ethernet Media Converter Dongle, Optical ...

Gigabit Fiber to RJ45 Ethernet Media Converter Dongle, Optical Singlemode 10km/Multimode 800m, PoE Powered, Compact

Feb 22, 2026

Campus Switches RG-SF2920-8GT2MG2XS-P 8-Port GE All-Optical

Various port combinations, rate increase, installation in a concealed telecommunication box, recommended for indoor use,

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://greatpremiersolutions.co.za>

Email: sales@greatpremiersolutions.co.za

Phone: +27 82 914 3675

Address: Unit 5, Silicon Heights, 22 Electron Avenue, Cape Town, 8001, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

