

Article Overview

24-port Gigabit switches with optical ports combine high-speed Ethernet connectivity with SFP/SFP+ fiber uplinks, ideal for enterprise and SMB networks.

Key Options and Features

1. GAOTek 24-Port Gigabit Optical Fiber Switch

- o Ports: 24 SFP ports for optical fiber connections
 - o Switching Capacity: 92 Gbps
 - o Stack Bandwidth: 480 Gbps
 - o Clients Supported: Up to 2000 wireless clients
 - o Use Case: High-performance enterprise networking with full optical connectivity
- ### 2. MikroTik CRS328-24P-4S+RM

- o Ports: 24 Gigabit Ethernet ports with PoE support, 4 SFP+ ports (10 Gbps)
 - o PoE Options: Passive PoE, 802.3af/at, up to 30 W per port
 - o Power Supply: 500 W built-in, supports powering multiple PoE devices
 - o Management: Dual boot with RouterOS or SwOS for Layer 2/3 features
 - o Use Case: Flexible deployment with both Ethernet and high-speed optical uplinks
- ### 3. TP-Link TL-SG1428PE

- o Ports: 24 PoE+ Gigabit ports, 2 Gigabit non-PoE ports, 2 SFP slots
 - o PoE Budget: 250 W total
 - o Management: Web-based smart management, VLAN support, PoE Auto Recovery
 - o Use Case: Small business or home networks needing PoE devices and optical uplinks
- ### 4. QSFPTek S5300-24S8T6X

- o Ports: 24 GE SFP ports, 8 GE RJ45, 6 10GE SFP+ uplinks
 - o Switching Capacity: 184 Gbps, Forwarding Rate: 138 Mpps
 - o Features: Layer 3 managed, stackable up to 8 switches, redundant hot-swappable power supplies
 - o Management: CLI and web interface, advanced QoS, IPv6 support, link aggregation
 - o Use Case: Enterprise networks, campus networks, SMBs requiring high reliability and scalability
- ### 5. TP-Link TL-SG3424P

- o Ports: 24 Gigabit PoE+ ports, 4 combo SFP slots
- o PoE Budget: 320 W total
- o Management: Layer 2 managed, QoS, ACL, IP-MAC-Port-VID binding, SNMP, RMON
- o Use Case: Small to medium business networks needing PoE and flexible optical uplinks

Considerations When Choosing a Switch

- o Port Type: Decide between all SFP ports (full fiber) or a mix of RJ45 and SFP/SFP+ for uplinks.

24 Gigabit All-Optical Port Switch

- o PoE Requirements: Ensure the switch provides sufficient power for IP cameras, access points, or VoIP phones.
- o Management Features: Layer 2 vs Layer 3, VLAN support, QoS, and monitoring capabilities.
- o Stacking and Scalability: For growing networks, stackable switches simplify management.
- o Throughput and Uplink Speed: Consider SFP+ (10 Gbps) uplinks for high-bandwidth aggregation. These switches provide a range of options from fully optical 24-port setups to hybrid PoE and fiber solutions, suitable for enterprise, SMB, or high-performance network environments.

CRS328-24P-4S+RM is a 28 independent port switch, it has 24 Gigabit Ethernet ports, which offer different power output options:

24-Port Gigabit L3 Aggregation Ethernet Managed Fiber Optic Switch, 24x GE SFP Ports, 8x GE RJ45 with 6x 10GE SFP+ Uplinks,

Discover 24-port gigabit switches for reliable high-speed network connectivity. Plug and play setup with sturdy metal construction.

The SWM281 is an L2 managed switch with added L3 functionality, tailored for complex networking

The TL-SG2424P provides 24 10/100/1000Mbps ports that supports 802.3at/af-compliant PoE, with a total

FS - HPC, Data Center, Enterprise, Telecom

Robust 24-Port 370 W PoE+ Switch with 4 x 10G Uplinks - the new backbone for your video surveillance

Cost-effective Gigabit Solution for Enterprise Backbone and Data Center Networking PLANET GSW-2401 Gigabit Ethernet Switch

The DXS-3400 Series switches feature a modular fan and power supply design for a high availability

The MS130-24 cloud-managed 24 GE network switch is a high-performance switch ideal for medium-density Wi-Fi and IoT

The GS728TXUPV3 is a 24-port Gigabit PoE+ and PoE++ Smart Switch with 4 SFP+ uplink ports and

A: A 24-port Gigabit switch with 2 SFP ports has several benefits. First, the 24 ports designated for Gigabit Ethernet

Based on Advanced security features and advanced quality of service (QoS), it can be used as a core



24 Gigabit All-Optical Port Switch

distribution or access layer

TOP-S3230-28SX is totally optical switch with 24-port Gigabit SFP Layer3 managed network switch
TOP-S3230-28SX,features

Uncover the top 24-port gigabit Ethernet switches of 2026 that promise high-speed

The 24-port Gigabit switch is very important for managing business networks effectively. This

Web: <https://www.in-au.co.za>

