

26-port switch with 6 optical ports

Article Overview

The Omada Pro S7500-26XF6Y is a 26-port switch featuring 26x10G SFP+ ports and 6x25G SFP28 optical ports, ideal for high-speed enterprise networks.

Recommended Options

1. Omada Pro S7500-26XF6Y

- o Ports: 26x10 Gbps SFP+ and 6x25 Gbps SFP28 optical slots .
- o Layer 3 Features: Supports OSPF, BGP, IS-IS, VRRP, PIM-SM/DM/SSM, ECMP, and PBR.
- o Stacking: Physical stacking up to 12 units with 25G SFP28 ports.
- o Redundancy: Two field-replaceable power supplies, VRRP, ERPS, and M-LAG for high availability.
- o Management: Centralized cloud management via Omada Pro SDN, web GUI, CLI, SNMP, and RMON.
- o Use Case: Enterprise aggregation layer, campus networks, and ISPs requiring high-speed fiber uplinks.

2. Cisco SG250-26P

- o Ports: 26xGigabit Ethernet with 2xGigabit SFP optical uplink slots .
- o Layer 2/3: Managed switch with static Layer 3 routing and ACL support.
- o PoE: Supports PoE+ on 24 ports.
- o Management: Smart Network Application, FindIT Network Manager, and cloud/on-premise management.
- o Use Case: Small to medium business networks needing PoE and basic optical uplinks.

3. Crestron CEN-SWPOE-26

- o Ports: 24xGigabit Ethernet with PoE+ and 2x1G SFP optical ports .
- o PoE: Up to 30 W per port, total 300 W.
- o Management: Layer 2/3 managed switch with LLDP support.
- o Use Case: Integration with commercial lighting and AV systems requiring PoE and optical uplinks.

Considerations

- o Speed Requirements: Omada Pro offers 10G/25G optical ports, suitable for high-throughput environments, while Cisco and Crestron provide 1G SFP uplinks.
- o PoE Needs: If powering devices like IP cameras or APs, ensure the switch supports sufficient PoE budget.
- o Stacking and Redundancy: For enterprise networks, switches with stacking and redundant power supplies improve reliability.
- o Management: Centralized management and Layer 3 routing are important for scalable networks. For a



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high-performance 26-port switch with multiple optical ports, the Omada Pro S7500-26XF6Y is the most robust option, offering 10G/25G optical connectivity, advanced Layer 3 features, and enterprise-grade redundancy .

Enterprise LANs use the RJ45 port on 100/1000BASE switches. It connects access layer devices and uplinks from

It comes with 6 25 Gbps SFP28 slots, 10 Gbps SFP+ slots, and physical stacking. Integrated with

Buy Hikvision DS-3E1526P-SI 26-port Gigabit Smart Managed PoE switch with 24 PoE ports, 370 W PoE budget, 2 fiber uplinks,

The TC3715 10/100 6-Port Ethernet Switch is a low cost, flexible bandwidth solution for high traffic industrial and

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

Selected models in the DGS-1100 Series support Power over Ethernet on copper access ports. Power over

The advantage of using SFPs compared to fixed interfaces (e.g. modular connectors in Ethernet switches) is that individual ports can

24 GE PoE ports enable faster data rates 2 1G SFP ports transmit data beyond 100 m IEEE 802.3af/at (up to 30 W/port, 240 W

This layer 2 switch delivers high performance, scalability, and availability for your LAN access network. Looking to grow your office

MokerLink 26 Port Gigabit PoE Switch, 24 Gigabit PoE+ Ports, 2 Gigabit SFP Uplink, 300W IEEE802.3af/at, Fanless Rackmount

24 Port Gigabit PoE Switch Unmanaged with 2 Uplink Gigabit Ports, 320W High Power, Support IEEE802.3af/at,Vlan, Rackmount.

Get managed network switches connect end-users, servers, and storage via flexible core, distribution, and access layers, enabling



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Combining the convenience of PoE, fast performance, reliability and ease of use, the DGS-1026MP 26-Port Gigabit Max PoE Switch

The IDS-206 is a 6 port Managed Ethernet Switch that can operate in industrial environments providing advanced performance and

EtherWAN's EX26262F is a managed 26-port PoE Ethernet switch platform. Equipped with 24 gigabit PoE ports along with a high

D-Link DGS-1100-26MPV2 26-Port Gigabit Max PoE Smart Switch (26 x 10/100/1000 Mbit/s, davon 24 PoE-Ports und 2 Combo

Web: <https://www.millstraining.co.za>

