

16-port gigabit switch fiber optic port



Article Overview

A 16-port gigabit switch with fiber optic ports typically combines RJ45 Ethernet ports with SFP fiber slots, offering high-speed connectivity, management features, and optional PoE support.

Key Features

Port Configuration: Many models offer a combination of 16 RJ45 gigabit ports and 4 to 8 SFP fiber ports for uplinks or long-distance connections. For example, the Hereta LNK-DMIC2416MP has 16 RJ45 ports plus 4 SFP 1000Base-X fiber ports, while the Blaupunkt BP-SWM8G8F01 provides 8 RJ45 and 8 SFP ports . Fully fiber-based switches like the Optone OPT-6016 offer 16 SFP fiber ports for all connections .

Management: Options include L2+ managed switches with VLAN, QoS, ACL, SNMP, and redundancy protocols (STP/RSTP/MSTP, ERPS) for network reliability . Some industrial models support USB-C management and DIP switch one-key ring management for simplified configuration .

PoE Support: Certain switches provide PoE/PoE+ on RJ45 ports, allowing devices like IP cameras, wireless APs, and VoIP phones to receive power over Ethernet. For instance, the Hereta switch supports IEEE 802.3af/at with a PoE budget up to 720W, while the ONV-POE33168PFM supports up to 30W per port .

Fiber Compatibility: SFP ports typically support 1000Base-X, compatible with single-mode or multi-mode fiber, and may require separate SFP modules (LC connectors, single or dual fiber) depending on distance and application .

Industrial and Environmental Features: Some switches are designed for harsh environments with IP40 aluminum cases, DIN-rail mounting, and operating temperatures from -40°C to 80°C . This makes them suitable for factories, outdoor enclosures, or remote installations.

Performance: These switches often support wire...

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Choosing the Best 16-Port Gigabit Ethernet Switch for Your Home

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L2+ managed Ethernet fiber switch with 8*10/100/1000M RJ45 ports and 8*100/1000M uplink SFP fiber ports. It built-in power supply

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Gigabit 16-port L2+ managed Ethernet switch

The ONV33168FM is a gigabit L2+ managed Ethernet fiber switch independently developed by ONV. It has

DGS-F1026P-E 24GE PoE + 2 SFP Ports 250m PoE

24 10/100/1000 Mbps gigabit ethernet ports 2 SFP port 250watts available PoE Flow control for protection

Industrial Managed 16-Port Optical Fiber Switch with SFP – GAOTek

The GAOTek industrial managed 16-port optical fiber switch ensures stable and reliable Ethernet transmission, perfect for harsh

16-Port Gigabit Ethernet L2+ Stackable Fiber Switch with 1G

Check QSFPTek S5300-16S8TS4X L2+ gigabit switch! The 16 port switch supports static routing, RIP, OSPF, ideal for deployment

16 Port Fiber Switch

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16-ports Full Gigabit L2 Unmanaged Fiber Switch (OPT-6016)

OPT-6016 L2 Fiber Ethernet Switch provide 16-port 1000M SFP fiber ports, the SFP type is flexible according to user need, such

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Management Features This Industrial 16-Port Ethernet Gigabit Switch with 4 SFP Optical Fiber Ports supports connecting USB-C

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