

RIVO MULTITRADE OPTICAL SYSTEMS

5-port gigabit switch with PoE optical ports



Overview

TP-Link TL-SG1005P, 5 Port Gigabit PoE Switch, 4 [Flexible Full Gigabit 5-Port PoE Configuration] 4x PoE+ (802.3at/af) 10/100/1000 5-Port Gigabit Easy Smart.

Key Takeaways

For 5-port gigabit switches with PoE, options like TP-Link TL-SG1005P and NETGEAR GS305P provide reliable PoE+ support, but optical ports typically require models with SFP uplinks. Recommended 5-Port Gigabit PoE Switches

- TP-Link TL-SG1005P
- Ports: 5 Gigabit Ethernet (4 PoE+ ports, 1 non-PoE uplink)
- PoE Power: 30W per port, 65W total budget
- Features: Plug-and-play, IGMP Snooping, QoS, PoE Auto Recovery, Extend Mode up to 820 feet
- Design: Fanless metal chassis, quiet operation, durable
- Use Case: Ideal for IP cameras, VoIP phones, and access points in home or office environments
- NETGEAR GS305P
- Ports: 5 Gigabit Ethernet (4 PoE+ ports)
- PoE Power: 63W total budget

- Features: Plug-and-play, fanless, energy-efficient (IEEE802.3az), desktop or wall-mountable
- Use Case: Small offices, conference rooms, or home networks requiring silent operation
- Intellinet PoE-Powered 5-Port Switch
- Ports: 5 Gigabit Ethernet (4 PoE devices supported)
- Features: PoE passthrough, extended range up to 200 m, auto-sensing ports, jumbo frame support, surge protection
- Use Case: Surveillance systems, remote access points, or distributed office layouts where flexible placement is needed
- TP-Link TL-SG605P
- Ports: 5 Gigabit Ethernet (4 PoE+ ports)
- PoE Power: 30W per port, 65W total
- Features: Extend mode up to 250 m, automatic device reboot, intelligent power management, IGMP Snooping for smooth multimedia traffic
- Use Case: Large-area IP camera deployments, small business networks

Optical Port Considerations

Most 5-port PoE switches in the consumer and small business range do not include built-in optical (SFP) ports. If you require fiber uplink for longer distances or backbone connectivity, consider:

- Switches with 4 PoE ports + 1 SFP uplink (common in small business models)
- Media converters to connect a standard PoE switch to fiber networks
- Managed mini-switches that combine PoE and SFP ports for flexibility

Summary

For a compact 5-port gigabit PoE switch, TP-Link TL-SG1005P and NETGEAR GS305P are excellent choices for powering devices like cameras and access points. If optical uplink is required, you may need a slightly larger or managed switch with an SFP port or use a media converter to integrate fiber connectivity. These switches offer plug-and-play simplicity, fanless operation, and reliable PoE power for small-scale deployments.

Article Content

NETGEAR 5-Port PoE Gigabit Ethernet Easy Smart Managed Switch

Introducing the NETGEAR GS305EPP PoE+ Gigabit Ethernet Smart Managed Plus Switch with 4 ports PoE+ and a total PoE budget

Network Switches | PoE Switch | Gigabit Ethernet Switch

Connecting with Network Switches When you have several devices that require a network connection, a network switch turns one

5 Port Network Switch

Product Description A blue metal unmanaged switch with five Gigabit Ethernet ports, energy efficiency, and wall-mount capability.

Amazon : 5 Port Poe Switch

NETGEAR 5-Port PoE Gigabit Ethernet Unmanaged Essentials Switch (GS305P) | With 1 x 1G and 4 x 1G PoE+ Ports @ 63W,

Poe Switch, 5 Port Gigabit PoE+ Switch, Easy Managed Gigabit

About this item 5 Gigabit Ethernet Poe+ Ports: STEAMEMO smart managed gigabit PoE ethernet switch offers 10*10/100/1000 Mbps

NETGEAR 5-Port PoE Gigabit Ethernet Unmanaged Essentials

Product Description NETGEAR introduces the most cost-effective 5-Port Gigabit Ethernet PoE+ Switch with 4-Ports PoE+ and 63W

NETGEAR 5-Port Gigabit Ethernet Unmanaged Network Switch

Product Description The NETGEAR 5 Port Gigabit unmanaged Switch provides an easy, reliable, and affordable way to expand your

GS1005HP | 5-Port GbE Unmanaged PoE Switch | Zyxel Networks

The Zyxel GS1005HP GbE Unmanaged PoE Switch is equipped with 5 Gigabit Ethernet ports, 4 of which are PoE ports that can

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