

5-Port Gigabit Ethernet Switch

Desktop Size, Plastic, IEEE 802.3az (Energy Efficient Ethernet)
Part No.: 524117

Easy to install, with auto-learning capabilities.
The Intellinet Gigabit Ethernet Desktop Switch is perfect for the home or small office, delivering top speeds to the desktop to satisfy your demanding network needs.

High-Speed Performance
This desktop switch includes five Gigabit Ethernet ports, providing you with high performance on your network to handle quick transfer speeds to support disk mirroring, data backup, graphics image file transfers and other bandwidth-intensive applications.

Auto Features
This network LAN switch includes many auto features that make it easy to use. No configuration is required, making installation Plug and Play and hassle free. And Auto-MDI/MDI-X crossover on all ports eliminates the need for any crossover cables. Each of the five ports on this network LAN switch automatically senses the link speed of the connected network device and adjusts to 10, 100 or 1000 Mbps for compatibility and maximum performance.

Reliable Operation
The Gigabit Ethernet Desktop Switch supports flow control when operating in half duplex mode, and supports IEEE 802.3ab in full duplex mode, ensuring that your data transfer and network connectivity continue to run smoothly and uninterrupted. This, in conjunction with the broadcast storm control and the store and forward switching method, further ensure that your connections remain active even under extremely busy conditions.

Features:

- Five 10/100/1000 auto-sensing ports automatically detect optimal network speeds
- Easy plug-and-play installation — simply power it up and start using it
- Green Ethernet power-saving technology deactivates unused ports
- Supports any combination of 10 Mbps, 100 Mbps or 1 Gbps network devices
- Full flow control support provides optimum performance
- Ultra-compact, fanless design ideal for home and office applications
- Auto-learning of network configuration
- Store and forward switching architecture
- High performance, half and full duplex, with zero packet loss
- Compatible with all Windows and Macintosh systems
- Three-Year Warranty

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Specifications:

Standards
• IEEE 802.3 (10Base-T Ethernet)
• IEEE 802.3u (100Base-TX Fast Ethernet)
• IEEE 802.3ab (Gigabit Ethernet)
• IEEE 802.3x (Flow Control and Backpressure)
• IEEE 802.3az (Energy Efficient Ethernet)

General
• ANSI/IEEE 802.3 NWay auto-negotiation
• Non-blocking, store and forward switching architecture
• Backpressure flow control for half duplex mode on 10/100 Mbps ports
• Connectors: 5 10/100/1000 Mbps RJ45 ports
• Switch architecture: store and forward switch technology
• Network cables:
- 10Base-T: Cat3, 4, 5 UTP/STP
- 100Base-TX: Cat5 UTP/STP
- 1000Base-T: Cat5e UTP/STP
• Certifications: FCC Class B, CE Class B

Performance
• Filter/forward rate
- 10Base-T: 14,880 pps (packets per second)
- 100Base-TX: 148,800 pps (packets per second)
- 1000Base-T: 1,488,000 pps (packets per second)
• MAC address table: 2,048 entries
• Jumbo frame support: 9 kB

LEDs
• Power
• LINK/ACT for each 10/100/1000 Mbps port

Power
• DC input: 5 V, 1 A

Environmental
• Plastic housing, desktop size
• Dimensions: 150 (W) x 80 (L) x 30 (H) mm (5.9 x 3.1 x 1.2 in.)
• Weight: 0.46 kg (1.0 lbs.)
• Operating temperature: 0 – 40°C (32 – 104°F)
• Operating humidity: 10 – 90% RH, non-condensing

Package Contents
• 5-Port Gigabit Ethernet Desktop Switch
• External power adapter
• User manual

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