



## 24-Port Gigabit Ethernet Switch with 2 SFP Ports

24 x 10/100/1000 Mbps RJ45 Ports + 2 x SFP, IEEE 802.3az (Energy Efficient Ethernet), 19" Rackmount

Part No.: **561877**

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## Network Switch with 26 ports - 24 RJ45 and Two SFP - to eliminate the bottlenecks in your network

The Intellinet Network Solutions 24-Port Gigabit Ethernet Switch offers an array of features while providing superior network throughput. Equipped with 24 auto-sensing 10/100/1000 Mbps RJ45 Gigabit Ethernet ports, this Switch offers plenty of performance for your computers, servers, and other networking devices. In addition, two small form-factor pluggable GBIC module slots (SFP) provide fiber connectivity for greater distances. These are not shared combo-ports, but true Gigabit ports, pushing the total available bandwidth up to 52 Gbps.

### Auto Features

This Gigabit LAN switch includes many automatic features that make it easy to use. No configuration is required, so installation is Plug and Play and hassle-free. Auto-MDI/MDI-X crossover on all ports eliminates the need for any crossover cables. Each of the 24 ports 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

This network switch supports flow control when operating in half-duplex mode and IEEE 802.3ab in full duplex mode to ensure that data transfer and network connectivity run smoothly and uninterrupted. In conjunction with the broadcast storm control and the store-and-forward switching method, full- and half-duplex modes further ensure that your connections remain active even under extremely busy conditions.

### Green Ethernet Technology

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More often than not, a network switch does not utilize all its ports at all times. Normally, when a computer, notebook, network printer or other network-connected device is powered down, the switch continues to consume the same amount of power as if it were active. Thanks to the energy-efficient IEEE 802.3az technology, the Intellinet Network Solutions 24-Port Gigabit Switch detects link status to all connected devices and reduces the power usage of ports that are not in use. In addition, it can adjust the level of power output based on the length of the network cable connected to a particular port. This feature allows for the enjoyment of maximum network performance, and when things slow down, it automatically scales back power usage to conserve energy and save money.

### Features:

- 10/100/1000 auto-sensing ports to automatically detect optimal network speeds
- Two small form-factor pluggable GBIC module slots (SFP)
- 52 Gbps switch fabric
- All RJ45 ports with Auto-MDIX (auto uplink) support
- Supports NWay auto-negotiation
- Store and forward switching architecture
- Full/half duplex operation
- Complies with the IEEE 802.3az (Energy Efficient Ethernet EEE) specification
- Green Ethernet power-saving technology that deactivates unused ports and adjusts power levels based on the cable length
- Supports 802.3x flow control for full duplex mode and collision-based backpressure for half duplex mode
- Supports jumbo frames up to 9 kBytes
- 512 kBytes buffer memory
- Supports up to 8K MAC address entries
- Fanless design ideal for silent operation
- Includes 19" rackmount brackets
- Supports MAC address auto-learning and auto-aging
- Fully NDAA-compliant
- Three-year warranty

### Specifications:

#### Standards

- IEEE 802.3 (10Base-T Ethernet)
- IEEE 802.3ab (Twisted Pair Gigabit Ethernet)
- IEEE 802.3az (Energy Efficient Ethernet EEE)
- IEEE 802.3u (100Base-TX Fast Ethernet)
- IEEE 802.3x (flow control, for full duplex mode)

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## General

- Media support:
  - 10Base-T Cat3, 4, 5 UTP/STP RJ45
  - 100Base-TX Cat5 UTP/STP RJ45
  - 1000Base-T Cat5e UTP/STP RJ45
- Packet filter/forwarding rate:
  - 1,488,000 pps (1000 Mbps)
  - 148,800 pps (100 Mbps)
  - 14,880 pps (10 Mbps)
- Buffer memory: 512 kBytes
- MAC address table: 8K entries
- Backplane speed: 52 Gbps
- Switch architecture: store and forward
- 24 RJ45 Gigabit Ethernet ports
- 2 SFP (Small Form-factor Pluggable) slots
- Certifications: FCC, CE, UKCA, NDAA

## LEDs

- Power
- Link/Activity per port

## Power

- Internal power supply, 100.0 - 240.0 VAC, 50/60 Hz
- Power consumption: 20.0 watts (maximum)

## Environmental

- Metal housing, 19" rackmount, 1 U
- Dimensions (L x W x H): 130 x 440 x 44 mm (5.12 x 17.32 x 1.73 in.)
- Net weight: 1.75 kg (3.86 lbs.)
- Gross weight: 2.7 kg (5.95 lbs.)
- Operating temperature: 0 - 40°C (32 - 104°F)
- Storage temperature: -40 - 70°C (-40 - 158°F)
- Operating humidity: 10 - 90% RH, non-condensing

## Package Contents

- 24-Port Gigabit Ethernet Switch with 2 SFP Ports
- Power cable
- 19" rackmount brackets
- Instructions



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Regional power cable included