



16-Port Gigabit Ethernet Switch

16-Port RJ45 10/100/1000 Mbps, IEEE 802.3az Energy Efficient Ethernet, Desktop, 19" Rackmount

Part No.: **561068**

Boost your network speed.

The Intellinet Gigabit Ethernet Switch offers an array of features while providing superior network throughput.

Extreme Flexibility

Sixteen 10/100/1000 Mbps auto-sensing ports automatically detect optimal network speeds.

Extreme Throughput

With a backplane speed of 32 Gbps, there is plenty of performance available for your computers, servers and other networking devices.

Features:

- 10/100/1000 auto-sensing ports automatically detect optimal network speeds
- All RJ45 ports with Auto-MDIX (auto uplink) support
- For use on desktop or mounted in standard 19" rack
- Supports NWay auto-negotiation
- Store and forward switching architecture
- Full/half duplex operation
- Supports 802.3x flow control for full duplex mode and collision-based backpressure for half duplex mode
- Green Ethernet power-saving technology deactivates unused ports and adjusts power levels based on the cable length
- Supports jumbo frames up to 9 kBytes
- Supports up to 8192 MAC address entries
- 512 kBytes buffer memory
- Supports MAC address auto-learning and auto-aging
- Fanless design ideal for silent operation
- Includes 19" rackmount brackets
- Three-Year Warranty

Specifications:

For more information on Intellinet products, consult your local dealer or visit www.intellinet-network.com.

All names of products or services mentioned herein are trademarks or registered trademarks of their respective owners. Distribution and reproduction of this document, and use and disclosure of the contents herein, are prohibited unless specifically authorized.

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)

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)
- MAC address table: 8192 entries
- Backplane speed: 32 Gbps
- Switch architecture: store and forward
- 16 RJ45 Gigabit Ethernet ports
- Certifications: FCC Class A, CE

LEDs

- Power
- Link Speed per port: 1000 Mbps
- Link/Activity per port

Power

- Internal power supply: 100 – 240 VAC, 50/60 Hz
- Power consumption: 9.1 watts (maximum)

Environmental

- Metal housing
- Dimensions: 215 (L) x 133 (W) x 44 (H) [mm] / 8.46 (L) x 5.24 (W) x 1.73 (H) [in.]
- Weight: 0.94 kg (2 lbs.)
- Operating temperature: 0 – 40°C (32 – 104°F)
- Operating humidity: 10 – 90% RH, non-condensing
- Storage temperature: -20 – 70°C (-4 – 158°F)

Package Contents

- 16-Port Gigabit Ethernet Switch
- 19" rackmount brackets
- Power cable
- Instructions

