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 Network Solutions 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:

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 (W) x 133 (L) x 44 (H) [mm] / 8.46 (W) x 5.24 (L) 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