



## 16-Port Gigabit Ethernet Switch

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

Part No.: **524148**

Boost your network speed.

The Intellinet Gigabit Ethernet Rackmount 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
- 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 up to 8192 MAC address entries
- 256 kBytes buffer memory
- Includes 19" rackmount brackets
- Supports MAC address auto-learning and auto-aging
- Fanless design ideal for silent operation
- 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)

*For more information on Intellinet products, consult your local dealer or visit [www.intellinet-network.com](http://www.intellinet-network.com).*

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- 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 B, CE

#### LEDs

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

#### Power

- Internal power supply: 100 – 240 V AC, 50/60 Hz
- Power consumption: 20 Watts (maximum)

#### Environmental

- Metal housing, 19" rackmount, 1U
- Dimensions: 440 (W) x 205 (L) x 44 (H) mm (17.4 x 8 x 1.7 in.)
- Weight: 2.9 kg (6.4 lbs.)
- Operating temperature: 0 – 40°C (32 – 104°F)
- Operating humidity: 10 – 90% RH, non-condensing
- Storage temperature: -40 – 70°C (-40 – 158°F)

#### Package Contents

- Gigabit Ethernet Rackmount Switch
- Power cable
- 19" rackmount brackets
- User manual

