



24-Port Gigabit Ethernet Switch

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

Part No.: **524162**

Boost your network speed.

The Intellinet Gigabit Ethernet Rackmount Switch, model 524162, offers an array of features while providing superior network throughput.

Extreme Flexibility

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

Extreme Throughput

With a backplane speed of 48 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
- Supports jumbo frames up to 10 kBytes
- Complies with the IEEE 802.3az (Energy Efficient Ethernet EEE) specification
- Green Ethernet power-saving technology deactivates unused ports and adjusts power levels based on the cable length
- 512 kBytes buffer memory
- Supports up to 8192 MAC address entries
- Supports MAC address auto-learning and auto-aging
- 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: 48 Gbps
- Switch architecture: store and forward
- 24 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: 30 Watts (maximum)

Environmental

- Metal housing, 19" rackmount, 1 U
- Dimensions: 440 (W) x 130 (L) x 44 (H) mm (17.4 x 5.1 x 1.7 in.)
- Weight: 3.87 kg (8.5 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

