

## Wire-speed switching and Linksys reliability in an 8-Port Gigabit desktop switch



The Gigabit 8-Port Workgroup Switch provides non-blocking, wire speed switching for your 10, 100, and 1000 megabit network clients. Drop this switch in place of your current workgroup hub or switch, and you can upgrade your high-requirement workstations to full Gigabit speeds as necessary, while continuing to service other clients at their current speeds. Or build your network from the ground up, with appropriate link speeds for each user's requirements.

Apply this switching power to your current hub-based Ethernet network, and your data traffic efficiency will improve several times over. Connect your Gigabit-equipped workstations to the Switch's 10/100/1000 ports for full-duplex, dedicated bandwidth. It's perfect for graphics, multimedia, and other applications that have to move large files across the network quickly.

With the Gigabit 8-Port Workgroup Switch, you can connect your existing 10/100 Ethernet network to your Gigabit server backbone without any additional equipment. All ports are auto-negotiating, and have automatic MDI/MDI-X crossover detection, so you don't have to worry about the cable type. Address learning and aging is supported, as well as 802.3x flow control with head-of-line blocking prevention to keep your high-speed clients from bogging down in lower-speed traffic.

The Gigabit 8-Port Workgroup Switch from Linksys is the perfect solution for your desktop Gigabit and 10/100 networking needs.

Eight 10/100/1000Mbps, half/full duplex, switched ports

Forwards and filters packets at non-blocking, full wire speed

All ports have auto speed negotiation and auto MDI/MDI-X crossover detection

Supports address learning and aging, 802.3x flow control and head-of-line blocking prevention

# Gigabit

## 8-Port Workgroup Switch

### Product Data

# Gigabit 8-Port Workgroup Switch

## Features

- Eight 10/100/1000Mbps, half/full duplex, switched ports
- Supports half duplex and full duplex modes and auto-negotiation for all 10BASE-T/100BASE-TX/1000BASE-TX ports
- Auto MDI/MDI-X cable detection for all ports
- Efficient self-learning, address recognition mechanism, performs forwarding and filtering at non-blocking full wire speed
- Supports Head of Line blocking prevention
- Supports 8K unicast addresses
- Provides store-and-forward forwarding scheme

## Specifications

Model	EG008W - Gigabit 8-Port Workgroup Switch
Standards	IEEE 802.3, 802.3u, 802.3x, 802.3ab
Ports	8 RJ-45 10/100/1000Mbps ports
Cabling Type	Cat5e
LEDs	Power, 1-8 Green

## Environmental

Dimensions (W x H x D)	140 mm x 27 mm x 140 mm (5.51" x 1.06" x 5.51")
Unit Weight	10.69 oz. (0.30 kg)
Power Input	Input: Voltage Range 110VAC, Frequency Range 50 – 60Hz, 8W max. Output: 12VDC, 1A
Certifications	FCC, UL, CE, CSA
Operating Temp.	0°C to 40°C (32°F to 104°F)
Storage Temp.	-20°C to 70°C (-4°F to 158°F)
Operating Humidity	10% to 90% Relative Humidity, Non-Condensing
Storage Humidity	10% to 95% Non-Condensing

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## Minimum Requirements

- 200MHz or Faster Processor
- 128MB RAM Recommended
- Ethernet or Gigabit Network Adapter
- Cat5e Ethernet Network Cable

## Package Contents

- Gigabit 8-Port Workgroup Switch
- AC Power Adapter
- CD with User Guide in PDF format

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