



# PEATSA

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## LINKSYS®

A Division of Cisco Systems, Inc.

## Wire-speed switching and Linksys reliability in a 8-port Gigabit switch



The 8-Port 10/100/1000 Gigabit 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. Either way, it's perfect for graphics, multimedia, and other applications that have to move large files across the network quickly.

With the 8-Port 10/100/1000 Gigabit Switch, you can connect your existing 10/100 Ethernet network to a Gigabit server backbone without any additional equipment. All ports have automatic MDI/MDI-X crossover detection, so you don't have to worry about the cable type. Each port independently and automatically negotiates for best speed and whether to run in half- or full-duplex mode. 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. Fast store-and-forward switching prevents damaged packets from being passed on into the network.

World famous Linksys reliability and the limited lifetime warranty give you peace of mind and the new ultra-compact case design is sure to fit into your workgroup environment. Let the Linksys 8-Port 10/100/1000 Gigabit Switch kick your network into high gear.

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/MID-X crossover detection

Linksys reliability and limited lifetime warranty

### Product Data

Model No. **SD2008**





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## 8-Port 10/100/1000 Gigabit Switch

### Features

- 8 RJ-45, 10/100/1000Mbps, auto-sensing half/full duplex switched ports
- All ports support auto MDI/MDI-X cable detection
- Fully compliant with IEEE 802.3, 802.3u, 802.3x, 802.3ab
- Non head-of-line blocking architecture
- Full-duplex IEEE 802.3x flow control and half-duplex back-pressure with intelligent port-based congestion detection and broadcast rate control

### Specifications

|                   |                                     |
|-------------------|-------------------------------------|
| Model             | SD2008                              |
| Standards         | IEEE 802.3, 802.3u, 802.3x, 802.3ab |
| Ports             | 8 RJ-45 10/100/1000Mbps ports       |
| Cabling Type      | CAT 5e                              |
| LEDs              | System, 1 through 8                 |
| Security Features | Security Slot                       |

### Environmental

|                        |   |
|------------------------|---|
| Dimensions (W x H x D) | 130 mm x 30 mm x 127 mm (5.12" x 1.18" x 5.00") |
| Unit Weight            | 14.99 oz. (0.425 kg)                            |
| Power Input            | DC 12 V/1.5 A                                   |
| Certifications         | FCC Class B, CE                                 |
| Operating Temp.        | 0°C to 50°C (32°F to 122°F)                     |
| Storage Temp.          | -40°C to 70°C (-40°F to 158°F)                  |
| Operating Humidity     | 20% to 95%, Non-Condensing                      |
| Storage Humidity       | 5% to 90%, Non-Condensing                       |

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Linksys products are available in more than 50 countries, supported by 12 Linksys Regional Offices throughout the world. For a complete list of local Linksys Sales and Technical Support contacts, visit our Worldwide Web Site at [www.linksys.com](http://www.linksys.com).

### Package Contents

- One 8-Port 10/100/1000 Gigabit Switch
- One AC Power Adapter
- One Registration Card
- One User Guide