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# Wire-speed switching and Linksys reliability in a 16-port Gigabit switch

The 16-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 16-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 rackmount form factor integrates smoothly into your network infrastructure.  Let the Linksys 16-Port 10/100/1000 Gigabit Switch kick your network into high gear.

| Sixteen 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 | Linksys reliability and limited lifetime warranty |

# 16-Port 10/100/1000 Gigabit Switch

## Product Data

Model No. **SR2016**

# 16-Port 10/100/1000 Gigabit Switch

## Features

- 16 RJ-45 ports for 10BASE-T/ 100BASE-TX/1000BASE-TX connections
- Supports half duplex and full duplex modes auto-negotiation for all ports.
- Auto MDI/MDI-X support on all ports for easy cable detection
- Efficient MAC Address learning engine supports up to 32K MAC Addresses
- Provides store-and-forward forwarding scheme.
- Standard width and mounting kit (included) make it easy to be installed into a rack

## Specifications

| | |
|---|---|
| Model Number | SR2016 |
| Standards | IEEE 802.3, 802.3u, 802.3x, 802.3ab |
| Ports | 16 RJ-45 10/100/1000 |
| Cabling Type | Category 5e or better |
| LEDs | System, 1 through 16 |

## Environmental

| | |
|---|---|
| Dimensions (W x D x H) | 279 mm x 45 mm x 240 mm (11" x 1.75" x 9.45") |
| Unit Weight | 4.75 lb. (2.155 kg) |
| Power Input | 12V DC / 500mA |
| Certifications | FCC Class B, CE |
| Operating Temp. | 32°F to 122°F (0°C to 50°C) |
| Storage Temp. | -40°F to 158°F (-40°C to 70°C) |
| Operating Humidity | 20% to 95%, Non-Condensing |
| Storage Humidity | 5% to 95%, Non-Condensing |

### Package Contents

- One 16-Port 10/100/1000 Gigabit Switch
- One AC Power Cord
- One User Guide with Registration Card
- One Set of Rack Mounting brackets

SR2016-DS-30717NC KL

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