

# Wire-speed switching and Linksys reliability in a 24-port Gigabit switch



The 24-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. And when you need to expand your network even further, the two Mini-GBIC ports let you add fiber-optic capability easily and cost effectively.

With the 24-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 24-Port 10/100/1000 Gigabit Switch kick your network into high gear.

Twenty-four 10/100/ 1000Mbps, half/full duplex, switched ports, and two Mini-GBIC expansion 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

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

**Product Data** 



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

#### **Features**

- 24 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
- Two mini-GBIC ports for easy expansion to other mini-GBIC equipped switches

#### **Specifications**

Model Number SR2024

Standards IEEE 802.3, 802.3u, 802.3x, 802.3ab

Ports 24 RJ-45 10/100/1000 + 2 Mini-GBIC ports

Cabling Type Category 5e or better

LEDs System, 1 through 24

#### **Environmental**

Dimensions 432 mm x 45 mm x 349 mm

 $(W \times D \times H)$   $(17.01" \times 1.75" \times 13.74")$ 

Unit Weight 7.98 lb. (3.62 kg)

Power Input 110-120VAC, 100W

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

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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.

#### **Package Contents**

- One 24-Port 10/100/1000 Gigabit Switch
- One AC Power Cord
- One User Guide with Registration Card
- One Set of Rack Mounting brackets

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SR2024-DS-30717NC KL Product Data