

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 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.

Wired



16-Port 10/100/1000 Gigabit Switch

Product Data

Wired

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 8K MAC Addresses
- Provides store-and-forward forwarding scheme.
- Standard width and mounting kit (included) make it easy to be installed into a rack
- Integrated 256K packet buffer memory
- Supports Jumbo frame of 9K bytes
- Supports IEEE802.3x full duplex operation
- RoHS Compliant

Specifications

Model	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 H x D)	11.00 x 1.75 x 9.45 inches 279.4 x 44.5 x 240 mm
Weight	4.75 lbs (2.155 kg)
Power	12V DC / 500mA
Certification	FCC Class A, CE
Operating Temp.	0°C to 40°C (32°F to 104°F)
Storage Temp.	-40°C to 70°C (-40°F to 158°F)
Operating Humidity	20% to 95% relative humidity
Storage Humidity	5% to 95% Non-Condensing

Linksys
A Division of Cisco Systems, Inc.
121 Theory
Irvine, CA 92617 USA

E-mail: sales@linksys.com
support@linksys.com

Web: <http://www.linksys.com>

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.

Minimum Requirements

- Cat5 Ethernet Network Cable
- TCP/IP Protocol installed on each computer within the network
- Network Adapter installed in each computer
- Network Operating System (e.g. Windows®, Linux, MacOS X)

Package Contents

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

Check the product package and contents for specific features supported. Specifications are subject to change without notice. Linksys is a registered trademark or trademark of Cisco Systems, Inc. and/or its affiliates in the U.S. and certain other countries. Copyright © 2006 Cisco Systems, Inc. All rights reserved. Other brands and product names are trademarks or registered trademarks of their respective holders.