

USR997930, USR997932 & USR997931

8-PORT GIGABIT SWITCH
16-PORT GIGABIT SWITCH
24-PORT GIGABIT SWITCH

WIRED NETWORKING

U.S. Robotics Gigabit Ethernet switches bring the benefits of the next generation of Ethernet connectivity within reach of technology savvy home and business users. These high-performance products deliver the speeds needed to distribute the largest files (digital video, high-resolution photographs, etc.) around your network, at an unprecedented value and include priority queueing technology to support the latest VoIP applications.

USRobotics

Reliable High-Performance Gigabit Networking



Flexible Ethernet Connectivity

Supports Ethernet connections at speeds of 10/100 Mbps and 1 Gigabit (1000 Mbps)

Auto-Speed Detection

Each port automatically detects, and matches the speed of connected Ethernet devices - 10/100/1000 Mbps

Auto-Switching

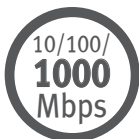
No cross-over cables required

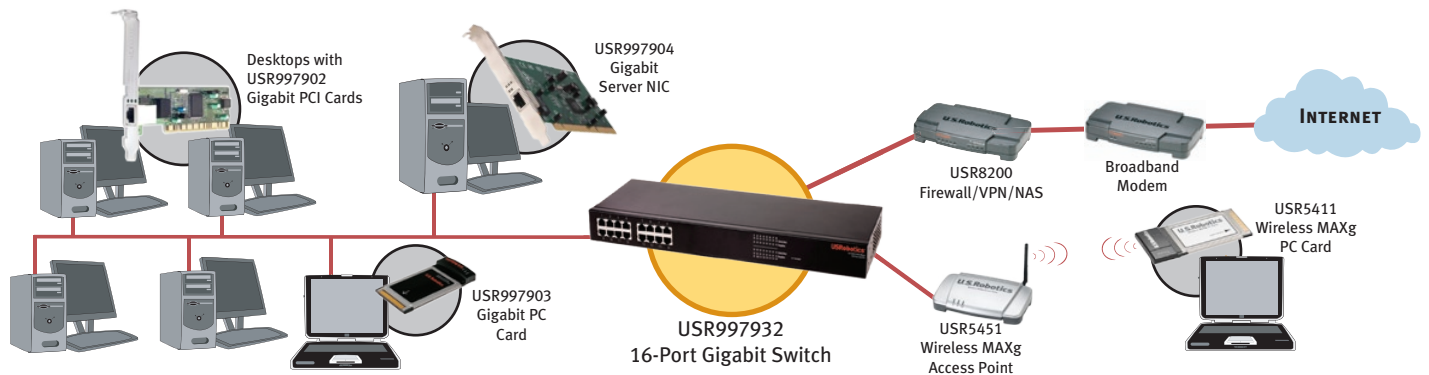
Simple, Reliable Design

- Metal cases & efficient design enhances reliability
- Visual diagnostic LEDs
- No software is required

Non-Blocking

All switches support overall throughput that matches the total capacity of the high speed ports (16 Gbps for the 8-Port, 32 Gbps for the 16-Port and 48 Gbps for the 24-Port)





USR997930, USR997932, USR997931 8-PORT, 16-PORT & 24-PORT GIGABIT SWITCHES



GIGABIT SWITCH COMMON SPECIFICATIONS AND STANDARDS

General

- Complies with IEEE802.3, IEEE802.3u, and IEEE802.3ab
- Support IEEE 802.3x Flow Control
- Full Duplex mode: IEEE 802.3x PAUSE packet
- Embedded 256KB SSRAM packet buffer
- Auto-Sensing 10/100/1000Mbps
- Auto-MDIX switching ports

Physical

- Visual diagnostic LEDs
- Metal 1U chassis (8-Port is fanless)
- 19-inch rack-mountable with brackets
- 8, 16 or 24 x 10/100/1000 Mbps RJ-45
- Internal power supply

Language Support

- **Retail box:** English, French, German, Spanish, Italian, Dutch
- **Install guide:** English, French, German, Spanish, Italian, Dutch, Portuguese, Swedish, Czech, Polish, Russian, Hungarian, Turkish

Minimum Systems Requirements

- Connect any device that supports 10/100 or 1000 Mbps Ethernet via RJ-45 connector and CAT5 cable

Warranty

- 2-year limited manufacturer warranty from date of purchase

8-PORT GIGABIT SWITCH SPECIFICATIONS AND STANDARDS

- Embedded 8K MAC address table
- 16 Gbps throughput
- 11-inch case design
- MTBF: 446,846

Dimensions/Weights

- **Product:** 10.87 x 6.25 x 1.75 inches (27.6 x 15.87 x 4.4 cm)
- **Package:** 11.5 x 9.75 x 4.25 inches (29.2 x 24.75 x 10.8 cm) / 5 lbs (2.3 kg)

Environmental

- Operating Temp.: 0 to 40°C/Storage Temp. -20 to 70°C
- Operating Hum.: 10% to 90% RH/ Storage Hum.: 5% to 95% RH

Regulatory

- EMI - FCC Class B, CE Class B
- Safety - UL, CUL

Package Contents

- USRobotics 8-Port Gigabit Switch
- Rack Mount Bracket & Self-adhesive pads for desktop installation
- Quick Installation Guide
- AC Power cord

16-PORT GIGABIT SWITCH SPECIFICATIONS AND STANDARDS

- IEEE 802.1p priority tags for excellent support of VoIP
- Embedded 4k MAC address table
- 32 Gbps throughput
- 17-inch case design
- MTBF: 416,094

Dimensions/Weights

- **Product:** 17.3 x 5.9 x 1.75 inches (44 x 15 x 4.4 cm)
- **Package:** 19.8 x 10.8 x 3.15 inches (50.4 x 27.3 x 8 cm) / 8.1 lbs/3.67 kg

Environmental

- Operating Temp.: 0 to 45°C/Storage Temp. -25 to 75°C
- Operating Hum.: 10% to 85% RH/ Storage Hum.: 10% to 90% RH

Regulatory

- EMI - FCC Class A, CE Class A
- Safety - UL, CUL

Package Contents

- USRobotics 16-Port Gigabit Switch
- Rack Mount Bracket & Self-adhesive pads for desktop installation
- Quick Installation Guide
- AC Power cord

24-PORT GIGABIT SWITCH SPECIFICATIONS AND STANDARDS

- Supports backpressure flow control in half-duplex mode
- IEEE 802.1p priority tags for excellent support of VoIP
- Embedded 4k MAC address table
- 48 Gbps throughput
- Integrated 2Mbit of on-chip buffer memory
- 13-inch case design
- MTBF: 681,849

Dimensions/Weights

- **Product:** 13 x 9 x 1.75 inches (33 x 22.86 x 4.4 cm)
- **Package:** 16 x 12 x 4.2 inches (40.5 x 30.4 x 10.6 cm) / 7.2 lbs (3.3 kg)

Environmental

- Operating Temp.: 0 to 40°C/Storage Temp. -20 to 70°C
- Operating Hum.: 10% to 90% RH/ Storage Hum.: 5% to 95% RH

Regulatory

- EMI - FCC Class A, CE Class A
- Safety - UL, CUL

Package Contents

- USRobotics 24-Port Gigabit Switch
- Rack Mount Bracket & Self-adhesive pads for desktop installation
- Quick Installation Guide
- AC Power cord