

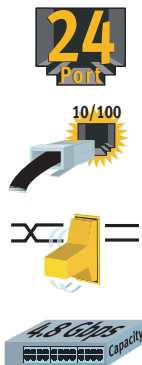
Model **USR997924** 24-Port 10/100 Mbps Switch

Networking



Features and Benefits

Powerful, high-speed networking solution



Designed for the office

Robust and reliable performance at an affordable price with 24 independent RJ-45 switch ports

Auto-sensing cable detection

A dedicated uplink port and/or crossover cables are not required

Auto-switching capability

Each independently switched port is capable of both 10 Mbps and 100 Mbps speeds

Full-duplex support

A full 4.8 Gbps of switching power boosts each individual port's bandwidth to up to 200 Mbps for multimedia presentations, software applications, streaming media, and more

LED status indicators

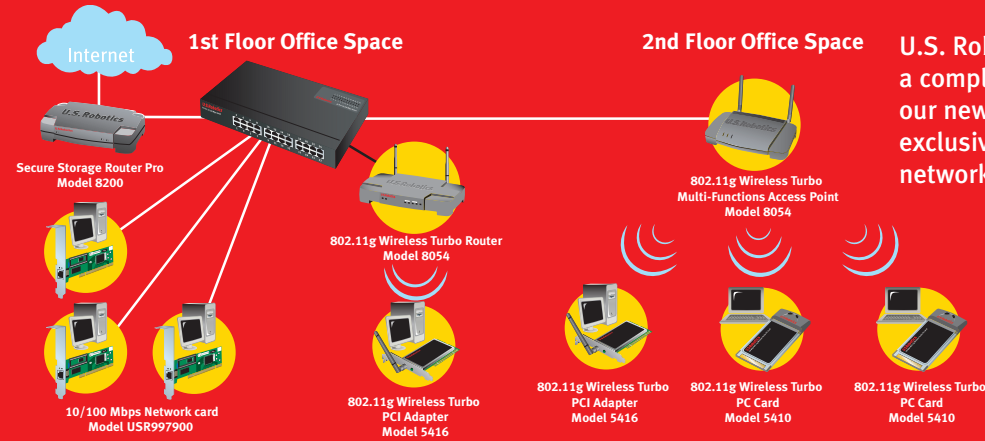
Multiple LEDs indicate individual port status and power

Installs in seconds

There's no software to configure and no crossover cables required

Ready. Set. Connect.™

Total networking solution



U.S. Robotics offers a total networking solution that includes a complete line of Ethernet-based networking products and our new 802.11g Wireless Turbo family of products with exclusive 100 Mbps Accelerator Technology. Whatever your networking needs, U.S. Robotics has your ideal solution.



SureConnect ADSL Ethernet/USB Router – Model 9003

- Ideal for home and small business high-speed Internet access and networking
- Includes built-in router, advanced security features, and Web-based diagnostics



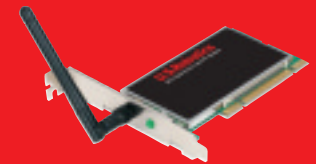
802.11g Wireless Turbo Router – Model 8054

- Ideal for sharing high-speed Internet access among multiple computer*
- Includes built-in MAC address authentication



802.11g Wireless Turbo Multi-Function Access Point – Model 5450

- Ideal for bridging wired and wireless networks
- Includes multiple operational modes for a customizable solution



802.11g Wireless Turbo PCI Adapter – Model 5416

- Ideal for desktop computers
- Detachable antenna is easily upgradable for enhanced performance



10/100 Mbps Network Card – Model 7900

- Ideal for Ethernet-based networking of desktop computers
- Wake on LAN (WoL) for remote management functionality

Standards and Specifications

Standards and Specifications

- Maximum Bandwidth:
 - Full-duplex: 200 Mbps (for 100BASE-TX), 20 Mbps (for 10BASE-T)
 - Half-duplex: 100 Mbps (for 100BASE-TX), 10 Mbps (for 10BASE-T)
- Operates at maximum forwarding rate and provides frame filtering and forwarding functions for each port:
 - 14,880 packets per second for 10 Mbps ports
 - 148,800 packets per second for 100 Mbps ports
- Store-and-forward scheme to forward packets
- MAC address table: 4000
- DRAM: Built-in 256 KB per chip

Standards

- IEEE 802.3 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX Class II Fast Ethernet
- IEEE 802.3x Flow Control
 - Half-duplex: Back pressure
 - Full-duplex: Pause frame

Interfaces

- 24 RJ-45, 10/100 Mbps Ethernet LAN ports – auto-switching/auto-sensing
- 100BASE-TX mode supports Category 5 STP or UTP Ethernet cable
- 10BASE-T mode supports Category 3, 4, and 5 STP or UTP Ethernet cable

AC Power (Internal Power Supply)

- Input voltage: 100/240 V AC
- Power output: 3.3 V DC@6A
- Power consumption: 15 W (Max)

Minimum System Requirements

- Any computer with an Ethernet adapter (Network Interface Card)
- One Category 5 Ethernet cable with RJ-45 connector per networked computer – no crossover cables are required

Regulatory/Agency Approvals

- FCC approved (Part 15 Class B)
- IC approved (ICES-003)
- UL/CUL listed
- CE

Environmental Specifications

- Temperature Range
 - Operating: 32° - + 113° F (0° - +45° C)
 - Storage: -13° - + 167° F (-25° - +75° C)
- Humidity
 - Operating: 10% to 90% Non-condensing
 - Storage: 0% to 95% Non-condensing

Package Contents

- U.S. Robotics 24-Port 10/100 Mbps Switch
- Regional power cords (3)
- Installation Guide

Package Dimensions/Weight

- Dimensions
 - Length 14.02 in. (35.6 cm)
 - Width 9.45 in. (9.45 cm)
 - Height 3.23 in. (8.2 cm)
- Weight
 - 5.5 lb (2.51 kg)

Product Dimensions/Weight

- Dimensions
 - Length 11.0 in. (27.9 cm)
 - Width 6.0 in. (15.2 cm)
 - Height 1.75 in. (4.45 cm)
- Weight
 - 3.3 lb (1.5 kg)

Warranty

- Two-year limited manufacturer warranty from date of purchase

For details, see www.usr.com

Model Number

- USR997924 – 24-Port 10/100 Mbps Switch



* Internet sharing requires a router. Some Internet Service Providers (ISPs) may have additional requirements, may not allow Internet sharing, and/or may charge additional service fees.

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