

USR997924B 24-PORT 10/100 ETHERNET SWITCH

wired networking

The U.S. Robotics 24-Port 10/100 Ethernet Switch is the answer for small and medium sized business that want to expand their local area networks. Each port supports auto-switching & auto-sensing, simplifying network design. It also includes 4.8 Gbps of switching power, so each port can operate in the full-duplex mode of 200 Mbps if required. This switch provides robust and reliable performance at a great value.

USRobotics®

Easily add capacity to your office network



Reliable, High-Performance Network Expansion

- 24 Independent RJ-45 ethernet ports
- Full-duplex support with a full 4.8 Gbps of switching power allowing up to 200 Mbps per port - ideal for multimedia, intensive software applications, streaming media and more

Auto-Sensing & Auto-Switching

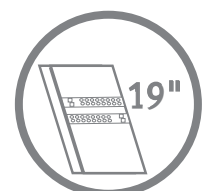
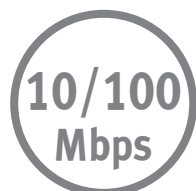
- No need for crossover cables or dedicated uplink port
- Each independently switching port is capable of both 10 Mbps and 100 Mbps speeds

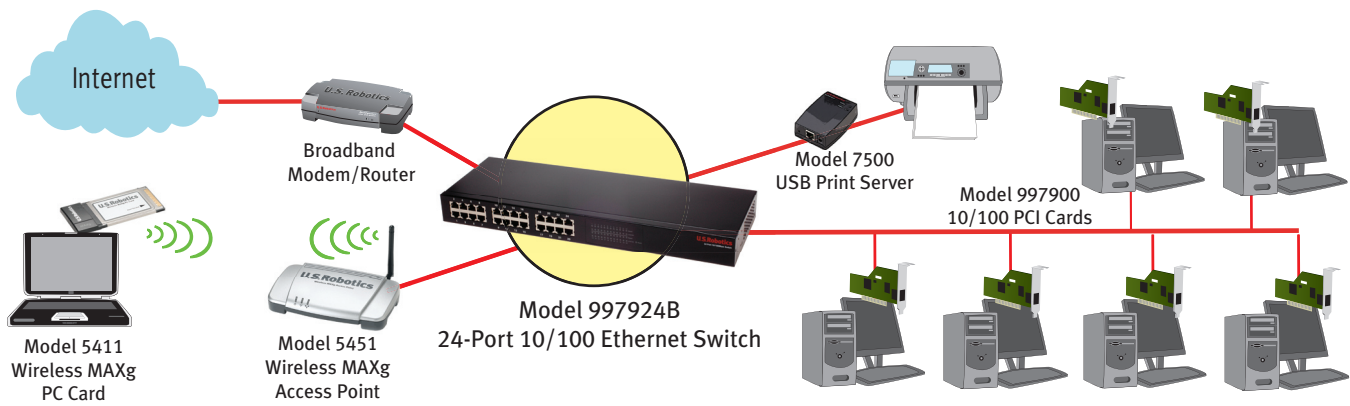
Easy to Install and Use

- There is no software to install or configure
- Multiple LEDs indicate individual port status and power

Smooth Integration

- 19 inch units mount easily in existing equipment racks with included bracket kit





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SPECIFICATIONS AND STANDARDS

- 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: 4096 entries
- Packet buffer: 256 KB
- Ethernet 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
- MTBF: 43,800 Hours

PHYSICAL

- 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
- Metal chassis with fanless design

ENVIRONMENTAL SPECIFICATIONS

- Temperature Range
 - Operating: 32 degrees ~ 113 degrees F (0 degrees ~ 45 degrees C)
 - Storage: -13 degrees ~ 167 degrees F (-25 degrees ~ 75 degrees C)
- Humidity
 - Operating: 10% ~ 90% non-condensing
 - Storage: 0% ~ 95% non-condensing

AC POWER (INTERNAL POWER SUPPLY)

- Input voltage: 100/240 V AC
- Power output: 3.3 VDC@6A
- Power consumption: 13 W (Max)

REGULATORY/AGENCY APPROVALS

- FCC Part 15 subpart B Class A
- EN55022 Class B, EN55024, (CE)
- UL/CUL (C.22.2.950,UL60950), EN60950, (CE)

DIMENSIONS/WEIGHT

- **Chassis Dimensions:** 17.2 in x 6 in x 1.75 in (437mm x 152mm x 44.5mm)
- **Package Dimensions:** 19.685 x 9.449 x 3.307 inches (50 x 24 x 8.4 cm)
- 7.07 lbs (3.21 kg)

LANGUAGE SUPPORT

- **Retail box:** English, French, German, Spanish, Italian, Dutch
- **Install & User guides:** English, French, German, Spanish, Italian, Dutch, Portuguese, Czech, Polish, Russian, Hungarian, Turkish

MINIMUM SYSTEMS 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 required

PACKAGE CONTENTS

- 24-Port 10/100 Ethernet Switch
- Regional Power Cords (NA, UK and European)
- Quick Installation Guide

WARRANTY

- 2-year limited manufacturer warranty from date of purchase

USRobotics®

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Approuvé par IC

