



Key Features

- + Dual Band Wireless N900
- + Up to 450 Mbps on both 2.4 & 5 GHz
- + Extended Signal Coverage with Xtra Range™ Technology
- + Gigabit Ports for High AV Performance
- + Parental Controls
- + Guest Network Settings

Wireless N900 Home Router

Dual Band + Gigabit Switch + USB Media Streaming

Dual Band Wireless N900 router for HD video streaming and onling gaming.

Expanded Range and Capacity

The ESR900 Wireless N900 Home Pod is an Xtra Range Dual Band (2.4 GHz and 5 GHz), 4-Port Wireless-N Router with wireless speeds up to 450 Mbps on both frequency bands. The ESR900 is ideal for those who need to stream HD video to other devices in the home or for gamers who want optimal online gaming without lag.

Gigabit Wired Speed & Shared USB Media

The ESR900 includes a built-in 4-Port Gigabit Switch and Gigabit WAN port for 10x faster throughput than Fast Ethernet making large file transfers, HD video and other media streaming incredibly fast. USB port to attach storage so connected devices in your home can access and stream video, music, and other media.

Industry-Standard Wireless Security

The ESR900 supports several security features and settings including industry-standard WPA/WPA2 wireless encryption to prevent unauthorized access to the network; a SPI (Stateful Packet Inspection) firewall to block malicious software from the Internet from accessing networked devices; MAC Address filtering to grant only known computers and devices network access; and URL filtering to block access to unwanted or offensive websites.

USB Media Anywhere with EnShare™

Attach a storage device to the router's USB port and with EnShare you can start sharing media content like photos, music, or videos throughout the home or even access and download that content when you're away from home to your mobile devices like smartphones or tablet and laptop PCs. EnShare also enables you to upload files to your attached storage device anywhere you can get an Internet connection.



EnShare™
Your Personal Cloud

Device Interface

- 1x Gigabit WAN Port
- 4x Gigabit LAN Ports
- 1x USB2.0 Port
- 1x Push Button for WPS
- 1x Reset

IEEE Standards

- 802.11a/b/g/n
- 802.3i/u/ab

LED Indicators

- Power
- WPS
- WLAN (Wireless Connection)
- WAN
- LAN

Package Contents

- 1x ESR900
- 1x Power Adapter (12V 1.5A)
- 1x Quick Start Guide
- 1x EnShare™ Guide
- 1x RJ-45 Ethernet Cable

Power Specification

- External Power Adapter
- DC IN, 12V 1.5A

Certification

- FCC/CE/IC

Physical/Environmental Condition

- Operation Temperature: Temperature $0^{\circ} \approx 40^{\circ}$
- Humidity 90% or less (Non-condensing)
- Storage Temperature: Temperature $-20^{\circ} \approx 60^{\circ}$
- Humidity 95% or less (Non-condensing)

Software Features

Operation Mode:

- AP Router/WDS

Wireless Features:

- Auto Channel Selection
- Output Power Control
- WMM (WiFi Multimedia)
- MSSID (Multiple SSID)

Security:

- WEP/WPA-PSK/WPA2-PSK

TKIP/AES

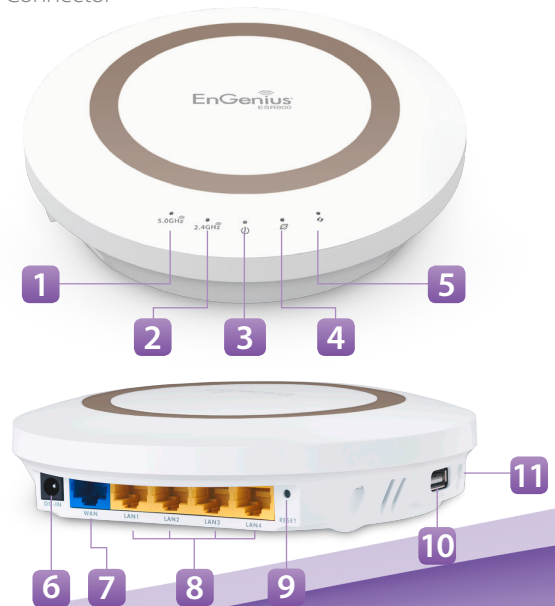
- Hidden SSID
- MAC Address Filtering
- 802.1X Authentication
- DDoS
- DHCP Server/Client
- NAT
- Port Forwarding
- DMZ
- Port Mapping/Triggering
- VPN Server (PPTP/L2TP)
- VPN Client (PPTP/L2TP)
- VPN Pass-through (PPTP/L2TP/IPSec)
- VPN Tunnel (Max. 5)
- QoS
- IP Filtering
- Port Filtering
- DDNS
- IPv6 Pass-through
- MAC Clone
- Traffic Monitor
- WAN Type: PPPoE/DHCP/Static IP
- USB Features: SAMBA

Warranty

- 1 Year Limited Warranty

Physical Interface

- | | |
|--------------------|-----------------|
| 1. 5 GHz LED | 7. WAN Port |
| 2. 2.4 GHz LED | 8. LAN Port |
| 3. Power LED | 9. Reset Button |
| 4. Internet LED | 10. USB Port |
| 5. WPS LED | 11. WPS Button |
| 6. Power Connector | |



Maximum data rates are based on IEEE 802.11 standards. Actual throughput and range may vary depending on many factors including environmental conditions, distance between devices, radio interference in the operating environment, and mix of devices in the network. EnGenius Technologies, Inc. EnShare™ supports both FAT32 and NTFS USB formats. Transfer speeds of data from your router-attached USB storage device to a remote/mobile device may vary based on Internet uplink and downlink speeds, bandwidth traffic at either send or receive locations, the data retrieval performance of the attached storage device or other factors. EnGenius does not guarantee compatibility with all USB drives. EnGenius does not warrant its products or EnShare from loss of data or loss of productivity time. Features and specifications subject to change without notice. Trademarks and registered trademarks are the property of their respective owners. For United States of America: Copyright ©2013 EnGenius Technologies, Inc. All rights reserved.