



### Key Features

- + Xtra Range™ Technology
- + Up to 300 Mbps wireless speed
- + Built-in Gigabit Switch
- + 4 Guest Network Settings

# Wireless N300 Xtra Range Gigabit Router

with Gigabit Ports

Whole home connectivity and performance for computers, smartphones, tablet PCs and other devices

The EnGenius ESR350H is an xtra Range Wireless N Router with wireless speeds up to 300Mbps. This intelligent router includes 2x 5dBi detachable antennas, a built-in 4-Port Gigabit switch, and Gigabit WAN port for faster upload and downloads to and from the Internet. Entertainment components such as Blu-ray players, DVRs, set top boxes, game consoles and HDTVs can be quickly and effortlessly connected to the ESR350H's Gigabit ports. Thus, the ESR350H enables users to expand and enrich their home entertainment experience by allowing these entertainment components to access the growing number of subscription-based online entertainment services available from the Internet.

### Industrial-Strength Security

The ESR350H also supports several security features and settings including industry standard wireless encryption, such as WPA/WPA2 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. The ESR350H also allows up to four separate and discrete SSIDs (Service Set Identifiers) or ways for guests to access the network. This gives families the ability to offer friends or visitors Internet access or access to specific devices, like printers, while protecting other networked computers or hard drives in the home that may contain private information. The ESR350H's WPS (Wi-Fi Protected Setup™) button helps make wireless configuration with other wireless devices secure and simple.

### IPv6

The ESR350H supports the latest IPv6 standard which is including "DS-Lite" and "6RDs" application.

### Physical Interface

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





## Technical Specifications

### Device Interface

- 1x Gigabit WAN Port
- 4x Gigabit LAN Ports
- 1x Push Button for WPS
- 1 x Reset
- 2x 5dBi Antennas

### Standards

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

### LED Indicator

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

### Package Contents

- 1x ESR350H
- 1x Power Adapter (12V 1.25A)
- 1x Quick Start Guide
- 2x 5dBi Antennas
- 1x RJ-45 Ethernet Cable

### Power Specification

- External Power Adapter
- DC IN, 12V 1.25A

### Certification

- FCC/CE/IC

### Physical/Environmental Condition

#### Temperature Range

- Operating: 32° to 104°F (0° to 40°C)
- Storage: -4° to 140°F (-20°- 60°C)

#### Humidity (non-condensing)

- Operating: 90% or less
- Storage: 95% or less

### Weights & Measures

- Weight: 0.6 lbs.
- Width: 5.0"
- Length: 8.5"
- Height: 0.98"

### Packaging

- Weight: 1.7 lbs.
- Width: 2.8"
- Length: 12.2"
- Height: 9.2"

### 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/NAPT
- 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

### Warranty

- 1 Year Limited Warranty

Maximum data rates are based on IEEE 802.11 standards. Actual throughput and range can vary depending on many factors including network conditions, environmental factors, distance between devices, radio interference in the operating environment, and mix of devices in the network. 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.