

# ESR300 Wireless N300 Home Router



## Key Features

- 802.11n wireless for reliable long-range wireless connections to all your PCs and mobile devices.
- EnGenius Cloud Access and Management
- The EnShare apps for iOS /Android allows you to access your multimedia and documents from multiple devices at the same time.

Experience faster speeds and connect your wireless devices to the Internet throughout your home

### Robust and Reliable Wireless Performance

The EnGenius ESR300 Wireless N300 Remote Access Router is a 2.4GHz, 4-Port Wireless-N Router with wireless speeds up to 300Mbps. It offers robust wired and wireless connectivity and performance for computers, smartphones, tablet PCs and home entertainment devices in a home.

### Fast Wired Speed & Shared USB Media

Includes a media streaming 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 ESR300 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 files to your attached storage device anywhere you can get an Internet connection.

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## TECHNICAL SPECIFICATIONS

### > Software Features

|                               |  |
|-------------------------------|--|
| Operating Modes               | AP Router / WDS  |
| Network Map                   | Graphical display of current connected device list                       |
| Channel Setting               | Manual   |
|                               | Auto / Best Channel Selection  |
| Transfer Rate Setting         | Auto and Manual  |
| Power Saving                  | Wireless LAN power saving  |
| Guest Network (Multiple SSID) | 4 BSSID for 2.4GHz   |
|                               | Each BSSID has its own WiFi & security settings                          |
| WPS                           | WPS-button & Software WPS  |
| Security                      | WEP / WPA-PSK / WPA2-PSK / TKIP/ AES                                     |
|                               | 802.1x Authenticator   |
|                               | Hidden SSID  |
|                               | WPS  |
|                               | Auto Channel Selection   |
| VPN                           | VPN Pass-through (PPTP/L2TP/IP Sec)                                      |
| VPN Lite Server               | PPTP/ L2TP/IPSec (5 concurrent tunnels)                                  |
| Management                    | UPnP, DLNA, DHCP, NTP Client, DDNS, Port Trigger, Virtual Server, DMZ    |
| Utility                       | USB: FTP Server / SAMBA / File Sharing                                   |
|                               | Web interface to access, upload, and play files stored on your USB drive |

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|                    |         |
|--------------------|---------|
| IPv6               | Yes     |
| Mobile App Support | EnShare |

## TECHNICAL SPECIFICATIONS

### > HARDWARE SPECIFICATION

|                    |  |
|--------------------|--|
| Physical Interface | WAN: 1 x 10/100Mbps Fast Ethernet                  |
|                    | LAN : 4 x 10/100Mbps Fast Ethernet                 |
|                    | 1 USB2.0 Port                                      |
|                    | WPS button   |
| Power Adapter      | 12V / 1A   |
| LED Indicator      | Power, WAN, WLAN(2.4GHz Wireless Connection & WPS) |

### > WIRELESS SPECIFICATION

|                    |   |
|--------------------|---|
| Frequency Band     | 2.400~2.484 GHz(11b, 11g, 11n)                              |
| Operating Channels | 11 for North America, 14 for Japan, 13 for Europe           |
| Wireless Setting   | Wireless Mode - 11b/ 11g /11n                               |
|                    | Channel Selection   |
|                    | Channel Bandwidth (Auto 20/40MHZ, 20MHZ)                    |
|                    | Transmission Rate - 11n only, 11b/g/n mix ,11b ,11g, 11b/g, |
| Antenna            | 2 x 3.5dBi internal antennas for 2.4GHz                     |

## ENVIRONMENTAL AND MECHANICAL

|                   |   |
|-------------------|---|
| Temperature Range | 0 to 40° C - Operating, -20 to 60 ° C - Storage |
|-------------------|---|



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|                           |  |
|---------------------------|--|
| Humidity (non-condensing) | 90% or less - Operating, 95% or less - Storage |
| Dimension                 | 161.5mm (Diameter) x 41.5mm (Height)           |

## PACKAGE CONTENTS

- 1x ESR300
- 1x 12V/1A Power Adapter
- 1x Quick Start Guide
- 1x RJ-45 Ethernet Cable

Updated 30/08/2013

\* 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

\*\* All specifications are subjected to change without prior notice.

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