



Key Features

- + Wireless AC1750 Speed
- + Gigabit Wired Speeds and EnShare™ USB Media Sharing
- + Quantum Beam™ technology for faster 5 GHz wireless connectivity
- + More Guest Access Options
- + Prioritizes Applications and Maintains Quality of Experience
- + Industry-Standard Security

Dual Band Wireless AC1750 Router

with Gigabit Ports, USB, Quantum Beam™, and EnShare™

Expand your entertainment options with this incredibly fast media streaming and sharing platform

Extreme Dual Band Speed for the Audio Visual Enthusiast

Designed for the serious audio/videophile, the EnGenius ESR1750 is a Dual Band (450 + 1300 Mbps) Wireless AC1750 Router with a Gigabit WAN port for faster upload and download speeds and a built-in 4-Port Gigabit switch for connecting home entertainment devices like HDTVs, Blu-ray players, set top boxes or game consoles so they can access a family's Internet connection. This high-powered Xtra Range™ pod-shaped router also includes a USB port for attaching a storage device and sharing media content in the home or away from home to mobile devices like smartphones or tablet and laptop PCs with EnShare™.

Quantum Beam™

The ESR1750 includes Quantum Beam™, a beam forming technology that delivers extremely fast 5 GHz wireless connectivity to 5 GHz AC adapters, computers and other devices. The ESR1750 also supports industry standard wireless encryption,

such as WPA/WPA2 (Wireless Protected Access) to prevent unauthorized access to the home network; users can also enable up to eight separate and discrete SSIDs, Service Set Identifiers (four SSIDs per frequency band) or ways to access the network. This gives families the ability to offer friends or visitors Internet access or access to specific devices, like networked printers, while protecting other networked computers or hard drives in the home that may contain private information.

This smart router also employs Advanced QoS (Quality of Service) to prioritize bandwidth-intensive applications like video and gaming or bandwidth sensitive applications like VoIP (Voice over IP) telephone calls for optimal connectivity whether over wired or wireless connections.

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.




Technical Specifications

Device Interface

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

IEEE Standards

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

LED Indicators

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

Package Contents

- 1x ESR1750
- 1x Power Adapter
- 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° ≈ 40°
- Humidity 90% or less (Non-condensing)
- Storage Temperature: Temperature -20° ≈ 60°
- Humidity 95% or less (Non-condensing)

Software Features

Operation Mode:

- AP Router

Wireless Features:

- Quantum Beam™ 5 GHz beam forming technology
- Auto Channel Selection
- Output Power Control
- WMM (WiFi Multimedia)
- MSSID (Multiple SSID)

Security:

- WEP/WPA-PSK/WPA2-PSK

TKIP/AES

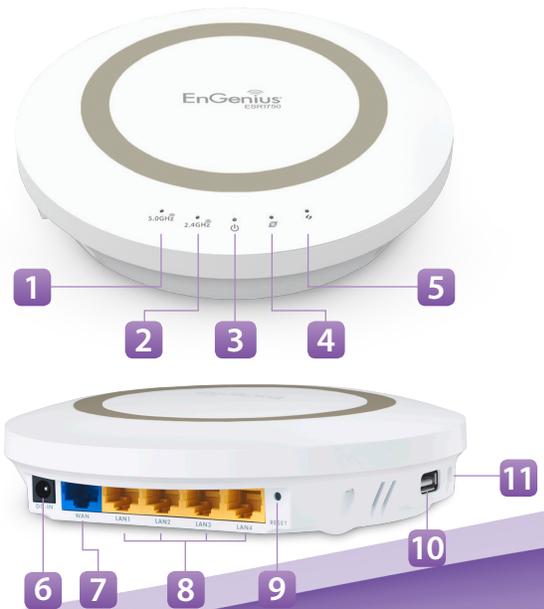
- Hidden SSID
- MAC Address Filtering
- 802.1X Authentication
- DDoS
- DHCP Server/Client
- NAT
- Port Forwarding
- DMZ
- Port Mapping/Triggering
- VPN Server (PPTP/L2TP)
- VPN Client (PPTP/L2TP)
- VPN Pass-through (PPTP/L2TP/IPSec)
- VPN Tunnel (Max. 5)
- QoS
- IP Filtering
- Port Filtering
- DDNS
- 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 draft IEEE 802.11ac and 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.