

# ESR1750

## Wireless AC1750 Personal Cloud Router

### Key Features

- IEEE802.11ac/b/g/n, Dual-Band & Dual Concurrent
- Total wireless bandwidth is up to 1750Mbps
- Gigabits Port Connect to HD AV Performance
- External Wireless Coverage
- Next Generation IPv6 Complained
- Parental Control & Guest Network
- VPN Server Support Lite-Business Applications
- Advanced Firewall / Network Security
- USB file sharing through Mobile App.
- Easy Setup Wizard



### The World Fast Wireless Router

The ESR1750 is the world fast wireless AP router with the latest 11ac technology. Compare the speed with current 802.11n. The ESR1750 deliver 1.3Gbps at 5GHz. It is 3 times faster than 802.11n technology. The total wireless speed is up to 1.75Gbps. The upgraded throughput will bring you the smoothly wireless with less lag and flexible. It's time to join the Gigabits Wireless network through the EnGenius ESR1750.

### Support the Next Generation IPv6 Application

For the reason to improve the IP resources. Many operators are starting to migrate their Internet service from the IPv4 to IPv6 (Internet Protocol version 6). EnGenius ESR1750 supports the latest IPv6 standard application. It's not only for the operator future requirement but also future IPv6 client device.

### Industry-Standard Wireless Security & Firewall

The ESR1750 supports several security features and setting including industry-standard WPA/WPA2 wireless encryption for the reason to prevent unauthorized access to the network. The SPI firmware and MAC/IP address filter to ensure your network security from the both WAN and LAN ports.

### The Individual Wireless SSID for the Guest Access

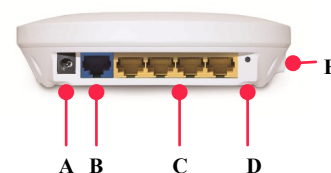
Up to 4 separate and discrete Wireless SSID so families can offer friends or visitors Internet access while shielding other networked computers or hand drive in the home that may contain private information.

### USB Storages, File Sharing through the Mobile App.

ESR1200 becomes a simple NAS (Network Storage Server) while the USB storage device is connected. User can download, upload and even watch video through their PC/Mobile/Pad wherever and whenever they are.

### Physical Interface

- |                        |                    |
|------------------------|--------------------|
| 1. Wireless 5GHz LED   | A. Power Connector |
| 2. Wireless 2.4GHz LED | B. WAN Port        |
| 3. Power LED           | C. LAN Ports x 4   |
| 4. WAN Port LED        | D. Reset Button    |
| 5. WPS LED             | E. USB Port        |



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### Technical Specification

#### Physical Interface

1x 10/100/1000Mbps WAN Port  
4x 10/100/1000Mbps LAN Port  
1x USB Host Port  
1x WPS Bottom (For both 2.4GHz & 5GHz)  
1x Reset Bottom

#### LED Indicator

5GHz Wireless  
2.4GHz Wireless  
Power LED  
WAN LED (Internet connection)  
WPS LED (Green is 2.4GHz/Orange is 5GHz)

#### Package Content

1x ESR1750  
1x Power Adapter  
1x Quick Installation Guide  
1x EnShare User Guide  
1x RJ-45 Ethernet Cable

#### Hardware Specification

Dimension: 161.5 x 41.5mm (Diameter x Height)  
Weight:  
Power Adapter: 12V/1.5A

#### Certification

FCC/CE/IC/NCC

#### Physical/Environment Condition

Operation Temp.: 0°C ~ 40°C  
Humidity 90% or less (Non-Condensing)  
Storage Temp.: -20°C ~ 60°C  
Humidity 95% or less (Non-condensing)

#### Wireless Specification

6x Internal High Performance antennas  
IEEE802.11ac/b/g/n  
Wireless Band: 2.4GHz / 5GHz  
5GHz Max. Speed: 1200Mbps  
2.4GHz Max. Speed: 450Mbps  
2.4GHz Tx Output Power: 18±2dBm (MAX.)  
5GHz TX Output Power: 16±2dBm (MAX.)  
Rx Sensibility: -92dBm (MAX.)  
(The MAX. Power may be different depending on local regulations)

#### Software Features

Operation mode: AP Router / WDS  
Wi-Fi ON / OFF  
Wireless Output Power Control  
Wireless QoS (WMM)  
Multi-SSIDs for both 2.4GHz & 5GHz  
Guest Network by Wireless SSIDs  
WPS (PIN / Bottom)  
Encryption: WEP / WPA / WPA2 / TKIP / AES  
WAN: PPPoE / Static IP / DHCP / PPTP / L2TP  
IPv6 WAN / IPv6 LAN  
DHCP Server  
Port Forwarding / Mapping / Tagging  
ALG (Application Layer Gateway)  
VPN Passthrough: PPTP / L2TP / IPSec  
Lite VPN Server: PPTP / L2TP / IPSec  
QoS: MAC / IP / Port based  
URL / IP / Port / ICMP Filtering  
Clone MAC  
DMZ  
SPI Firewall / Anti-DoS Attack  
DNS / DDNS / EnGenius DDNS Service  
NTP / Sync. with PC  
UPnP / UPnP NAT Traversal  
IGMP Proxy  
DLNA  
Remote Control / Firmware Upgrade  
Emergency Recovery Page (System failure)  
Backup / Restore Setting  
Auto Power Saving  
USB: FTP Server / SAMBA / File Sharing  
Web Based File Server (USB sharing)  
EnShare Mobile App.\* (IOS/Android) Supported

\* -> Future available by firmware upgrade