ESR1750

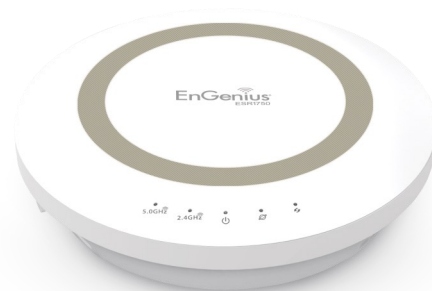## Dual Band Wi-Fi AC1750 EnGenius Cloud Gigabit Router

Key Features

- IEEE802.11ac/a/b/g/n, Dual-Band & Dual Concurrent
- Total wireless bandwidth is up to 1750Mbps
- Gigabits Port Connect to High 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
- EnGenius Cloud

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.

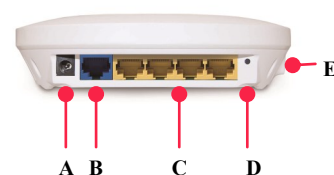### The Individual Wireless SSID for the Guest Access

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
2. Wireless 2.4GHz LED
3. Power LED
4. WAN Port LED
5. WPA LED

A. Power Connector
B. WAN Port
C. LAN Ports x 4
D. Reset Button
E. USB Port

ESR1750

Dual Band Wi-Fi AC1750 EnGenius Cloud Gigabit Router

Technical Specification

Physical Interface
1x 10/100/1000Mbps WAN Port
4x 10/100/1000Mbps LAN Port
1x USB Host Port
1x WPS Bottom
1x Reset Bottom

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

Package Content
1x ESR1750
1x Power Adapter
1x Quick Start 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

Physical/Environment Condition
Operation Temp.: 0˚C ~ 40˚C
Humidty 90% or less (Non-Condensing)
Storage Temp.: -20˚C ~ 60˚C
Humidty 95% or less (Non-condensing)

Wireless Specification
IEEE802.11ac/a/b/g/n/
Wireless Band: 2.4GHz / 5GHz
6x Internal High Performance PCB antennas
2.4GHz Tx Output Power: 19±1.5dBm (MAX.)
2.4GHz Rx Sensibility: -96dBm (MAX.)
5GHz Tx Output Power: 18±1.5dBm (MAX.)
5GHz 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 / EnGenius Cloud
Web Based File Server (USB sharing)
EnShare Mobile App. (IOS/Android) Supported