

ESR750H

DUAL CONCURRENT LIVE MEDIA ROUTER

Key Features

- Extended Signal Coverage
- Dual-Band Concurrent Technology
- Gigabit Connection with High Performance
- QoS Wireless Multimedia
- Wireless LAN Power Saving
- Support IEEE802.1x Authentication
- SAMBA/NetUSB/shAir Music featured



X-TRA RANGE family routers are special tailored for multimedia and high performance applications.

EnGenius Dual Concurrent Wireless Router, ESR750H is one of the member of X-TRA RANGE family series.

ESR750H offers 1 WAN/4 LAN Gigabit connection and extended signal coverage with two external high gain 5dBi antennas; moreover, ESR750H features one USB port with SAMBA, NetUSB and shAir Music functions which allow user to share the USB storage or Printer within networks, and play music via ESR750H.

Network Security

ESR750H supports VPN lite tunneling and SPI Firewall to protect user data through Internet. It also supports data encryption technology, such as WEP/WPA/WPA2 and TKIP/AES. Other features like IEEE802.1x Authentication and MAC Address Filtering are also supported on the ESR750H Dual Concurrent Media Router. They can limit the threats coming from unauthorized client and better protect the network environment.

Advanced Wireless LAN Technology

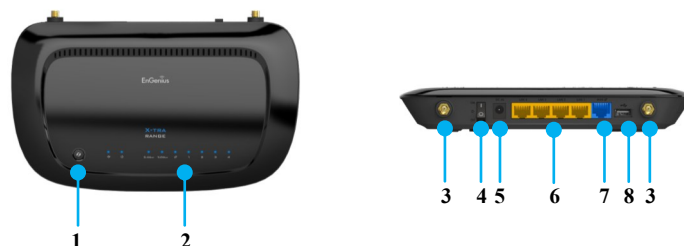
ESR750H provides energy saving technology on Wireless LAN. Moreover, it supports Multiple SSID and Wi-Fi Scheduling. It allow user to login to different SSID with different access right. Wi-Fi Scheduling can allow administrator to better manage Wi-Fi accessibility.

Multimedia

ESR750H armed with one USB2.0 port to support SAMBA, NetUSB and one of the greatest features, shAir Music. It allow ESR750 handles playback action on any iTunes devices or iPhone/iPad/iPod Touch* to streams the audio to connected USB speakers. This feature offers audio streaming wirelessly from any angle of signal.

Physical Interface

1. WPS/Reset Bottom
2. LED Indicator
3. External Antenna Connector
4. Power Switch
5. DC Power Slot
6. LAN Port
7. WAN Port
8. USB Port



* iOS 4.2 or iOS 10.5 are minimum requirement of using shAir Music function.

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Technical Specification

Device Interface

- 1x Gigabit WAN Port
- 4x Gigabit LAN Ports
- 1x USB2.0 Port
- 1x Power Switch
- 1x Push Button for WPS/Reset
- 2x SMA Antenna Connectors

Wireless Specification

- 2x Detachable Antennas
- 2x Internal PIFA Antennas
- Tx Output Power: 20dBm (FCC), 13dBm (ETSI)
(The Max. Power may be different depending on local regulations.)
- Rx Sensibility: -90dBm

LED Indicator

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

Package Contents

- 1x ESR600H
- 1x Power Adapter (12V 1.25A)
- 1x Quick Installation Guide
- 1x CD Manual
- 2x 5dBi Antennas
- 1x RJ-45 Ethernet Cable

Power Specification

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

Standards

- IEEE802.3i/u/ab
- IEEE802.11a/b/g/n

Certification

- FCC/CE/IC

Physical/Environmental Condition

- Operation Temperature:
Temperature 0 ~ 40°C / Humidity 90% or less
(Nn-condensing)
- Storage Temperature:
Temperature - 20 ~ 60°C / Humidity 95% or less
(Nn-condensing)

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
USB Features: SAMBA/NetUSB/shAir Music

Application Diagram

