



ESR600

Wireless N600 Dual Band Gigabit Router

Key Features



- Dual band 802.11n wireless to stream HD multimedia across your home to the PCs and mobile devices
- Gigabit ports to connect wired devices for high speed connectivity
- 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.

Dual Band work-n-play Wireless N600 gigabit router for media active homes.

Expanded Range and Capacity

The EnGenius ESR600 Wireless N600 Gigabit Remote Access Router is a Dual Band (2.4 GHz and 5 GHz), 4-Port Wireless-N Router with wireless speeds up to 300Mbps on both frequency bands. For media active households the ESR600 provides fast and stable wireless connectivity and is a great solution for streaming video or for gamers who compete with other online gamers.

Gigabit Wired Speed & Shared USB Media

The ESR600 includes a built-in 4-Port Gigabit Switch and Gigabit WAN port for 10x faster throughput than Fast Ethernet making large file transfers, HD video and other media streaming incredibly fast. 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 ESR600 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 laptop PCs. EnShare also enables you to upload 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 each 2.4GHz & 5GHz
	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 10/100/1000Mbps Gigabit Ethernet
	LAN : 4 x 10/100/1000Mbps Gigabit Ethernet
	1 USB2.0 Port
	WPS button
Power Adapter	12V / 1.25A
LED Indicator	Power, WAN, WPS, 2.4Ghz WLAN & 5GHz WLAN
> WIRELESS SPECIFICATION	
Frequency Band	2.400~2.484 GHz(11b, 11g, 11n) and 5GHz(11a, 11n)
Operating Channels	11 for North America, 14 for Japan, 13 for Europe
Wireless Setting	Wireless Mode - 11a/ 11b/ 11g /11n
	Channel Selection
	Channel Bandwidth (Auto 20/40MHZ, 20MHZ)
Antenna	Transmission Rate - 11n only, 11b/g/n mix ,11b ,11g, 11b/g, 11a, 11a/n
	2 x 3.5dBi internal antennas for 2.4GHz
	2 x 3.5dBi internal antennas for 5GHz

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 ESR600
- 1x 12V/1.25A 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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