EUB9707

THE LEADER IN LONG RANGE WIRELESS HOME NETWORKING

150 Mbps Wireless Mini USB Adapter

2.4GHz

b g n

Performance

Based on today's most advanced wireless N networking technology, the EUB9707 150Mbps Wireless Mini Adapter is designed to deliver reliable high-speed connectivity to wireless networks and offers extended range and reduced dead spots.

Easy Setup

Convenient and compact adapter plugs into your laptop or desktop's USB port. The Setup Wizard makes it easy to install and configure for use with your network.

Powerful Protection

Supports the latest industry standard wireless data encryption to protect your data and networking activity - all with a push of a button.

Mac OS Compatible

Windows 7/Vista/XP Compatible

One-Touch WPS

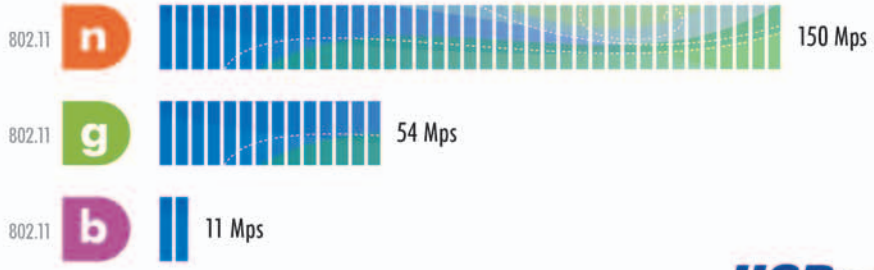
WiFi Multi media

WEP, WPA WPA2

Key Differentiators

- PUSH-BUTTON WIRELESS SECURITY SETUP
- EASY TO USE INSTALLATION WIZARD FOR QUICK SETUP
- COMPACT AND CONVENIENT FORM FACTOR
- SUPPORTS ADVANCED SECURITY
  WEP 64/128, WPA, WPA2
- SUPPORTS 802.11E QOS FOR OPTIMIZED MULTIMEDIA STREAMING
- WORKS BEST WITH THE ENGENIUS 150MBPS WIRELESS ROUTER (ESR-9753)

Wireless Speed Comparison



USB UNIVERSAL SERIAL BUS

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

EnGenius®

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Technical Specifications

Specifications may change without notice.

HARDWARE SPECIFICATION

Standard	IEEE802.3, IEEE802.3u, IEEE802.11b,IEEE802.11g, IEEE802.11n (2.0)
Physical Interface	USB2.0
Operating Voltage	3.3V
LED's Status	Link Activity
Antenna	Chip Antenna
WPS	WPS Button

RF SPECIFICATION

Frequency Band	2.400 – 2.484 GHz
Modulation Technology	OFDM: BPSK, QPSK, 16-QAM, 64-QAM DBPSK, DQPSK, CCK
Operation Channels	11 for North America, 13 for Europe
Wireless Settings	Operation Mode – Client Wireless Mode –11b/11g/11n Channel Selection (Setting varies by Country) Channel Bandwidth (Auto, 20Mhz, 40Mhz) Transmission Rate 11g: Best. 54, 48, 36, 24, 18, 12, 11, 9, 6, 5.5, 2, 1 in Mbps

	Guard Interval 800ns		Guard Interval 400ns	
MCS Index	20MHz (Mbps)	40MHz (Mbps)	20MHz (Mbps)	40MHz (Mbps)
0	6.5	13.5	7.2	15
1	13	27	14.4	30
2	19.5	40.5	21.7	45
3	26	54	28.9	60
4	39	81	43.3	90
5	52	108	57.8	120
6	58.5	121.5	65	135
7	65	135	72.2	157.5

Receive Sensitivity (Typical)	11b	1 Mbps	-89dBm
		11 Mbps	-85dBm
	11g	6 Mbps	-87dBm
		5 4Mbps	-70dBm
	11n	MCS 0	-82dBm
		MCS 7	-64dBm
Available Transmit Power	11b	1 – 11 Mbps	17dBm
	11g	6 – 18 Mbps	17dBm
		24 – 36 Mbps	15dBm
		48 – 54 Mbps	14dBm
	11n	MCS 0 – 3	17dBm
		MCS 4 – 5	15dBm
		MCS 6 – 7	14dBm
Regulation Certifications	FCC Part 15, ETSI 300/328/CE		

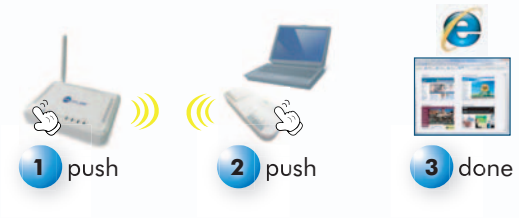
SOFTWARE FEATURES

Wireless	WPA/WPA2 (AES, 64,128-WEP with shared-key authentication) WPS PIN, PBC (WiFi Protected Setup) QoS-WMM
Drivers	Windows 7/Vista/XP/2000 Linux 2.4 and 2.6 Mac OS

ENVIRONMENT & PHYSICAL

Temperature Range	Operating: 0°C to 45°C (32°F to 113°F) Storage: -10°C to 70°C (14°F to 158°F)
Humidity (non-condensing)	15% – 95% typical

PUSH BUTTON SETUP



To connect the Adapter to the Router, simply press the button on the Router, then press the button on the Adapter. The network information, security key, and everything you need for the Adapter to join the Router are securely exchanged and the two devices are now connected. No need to know complex security keys or confusing network names. To add more Adapters, do the same thing again. It's easy.

EnGenius Technologies

1580 Scenic Avenue
Costa Mesa, CA 92626
USA

888.735.7888

EnGenius
www.engeniustech.com