

EUB9707

THE LEADER IN LONG RANGE WIRELESS HOME NETWORKING

# 150 Mbps Wireless Mini USB Adapter



2.4GHz



### 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 Multimedia



WEP, WPA WPA2



## Key Differentiators

**PUSH-BUTTON WIRELESS SECURITY SETUP**

**SUPPORTS ADVANCED SECURITY**  
WEP 64/128, WPA, WPA2

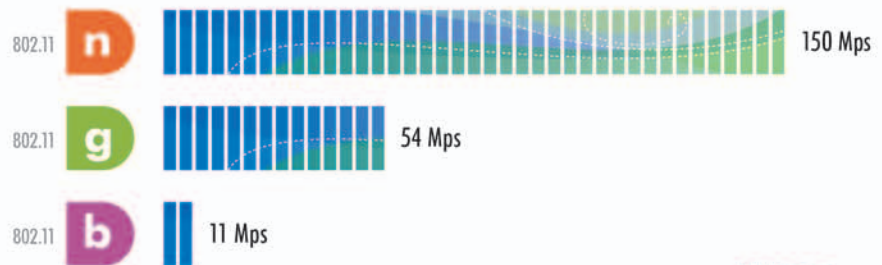
**EASY TO USE INSTALLATION WIZARD FOR QUICK SETUP**

**SUPPORTS 802.11E QOS FOR OPTIMIZED MULTIMEDIA STREAMING**

**COMPACT AND CONVENIENT FORM FACTOR**

**WORKS BEST WITH THE ENGENIUS 150MBPS WIRELESS ROUTER (ESR-9753)**

## Wireless Speed Comparison



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®

[www.engenius-tech.com](http://www.engenius-tech.com)

## Technical Specifications Specifications may change without notice.

### HARDWARE SPECIFICATION

Standard	IEEE802.3, IEEE802.3u, IEEE802.11b, IEEE802.11g, IEEE802.11n (2.0)
Physical Interface	USB 2.0
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
Receive Sensitivity (Typical)	11b	1 Mbps	-89dBm		
		11 Mbps	-85dBm		
	11g	6 Mbps	-87dBm		
		5.4Mbps	-70dBm		
Available Transmit Power	11n	MCS 0	-82dBm		
		MCS 7	-64dBm		
	11b	1 – 11 Mbps	17dBm		
	11g	6 – 18 Mbps	17dBm		
		24 – 36 Mbps	15dBm		
		48 – 54 Mbps	14dBm		
Regulation Certifications	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