

EUB-9703

THE LEADER IN LONG RANGE WIRELESS HOME NETWORKING

150 Mbps Wireless USB Adapter

2.4GHz



Performance

Based on today's most advanced wireless N networking technology, the EUB-9703 150Mbps Wireless 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 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

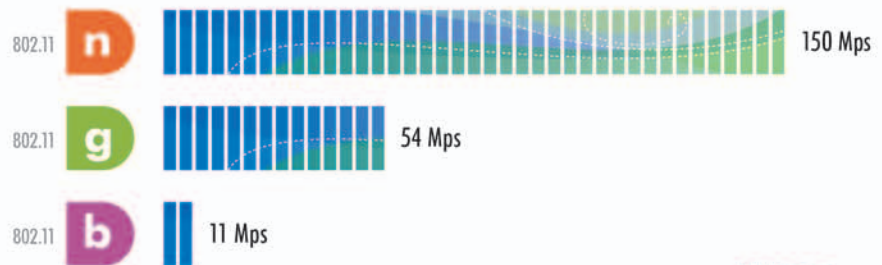
EASY TO USE INSTALLATION WIZARD FOR QUICK SETUP

SUPPORTS 802.11E QOS FOR OPTIMIZED MULTIMEDIA STREAMING

SMALL 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

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	Printed ANT

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
Receive Sensitivity (Typical)	2.412 ~ 2.472G (IEEE 802.11b) (1Rx) <= -86 dBm				
	2.412 ~ 2.472G (IEEE 802.11g) (1Rx) <= -88 dBm				
	2.412 ~ 2.472G (IEEE 802.11n) (1Rx) <= -86 dBm				
Available Transmit Power	2.412 ~ 2.472G (IEEE 802.11b) >= 16dBm @1~11Mbps				
	2.412 ~ 2.472G (IEEE 802.11g) >= 16dBm @6Mbps >= 16dBm @54Mbps				
	2.412 ~ 2.472G (IEEE 802.11n) >= 16dBm				
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 XP 32/64, 2000, Vista32/64 Mac OS support

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
Dimensions	L: 2.64" (67mm) x W: 1.18" (30mm) x H: 0.39" (10mm)

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