



EUB-9801

Wireless Dual Band 802.11 a/b/g/n USB adapter

2.4 GHz b/g/n

5Ghz 802.11a

300M

USB 1.1 / 2.0

PRODUCT DESCRIPTION

EUB9801 is a new generation dual band client adapter. It supports both 2.4Ghz and 5Ghz bands with high performance. It applies **2T2R** architecture with full compatibility with IEEE 802.11n and backward support for legacy b/g APs. Most importantly, 5Ghz band guarantees an interference-free network access.

PACKAGE CONTENT

- 1* Dual Band USB adapter (EUB9801)
- 1* QIG
- 1* CD (User's Manual)

Technical Specifications

HARDWARE SPECIFICATIONS

CPU	RT3572
Standard	IEEE802.11b, IEEE802.11g, IEEE802.11n (2.0) IEEE802.11a IEEE802.11e (WMM), I, f and h standards, IEEE802.1x
Physical Interface	USB 1.1 / 2.0
Operating Voltage	5V
LED Status	Link Activity
RF Connector	N/A
Antenna	N/A
PCB dimension	50.5mm * 18mm

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** All specifications are subject to change without notice.

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	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
	8	13	27	14.4	30
	9	26	54	28.9	60
	10	39	81	43.3	90
	11	52	108	57.8	120
	12	78	162	86.7	180
	13	104	216	115.6	240
	14	117	243	130	270
	15	130	270	144.4	300
Receive Sensitivity (Typical)	● 2.412~2.472G(IEEE802.11b) (1Rx) -91dBm @ 1Mbps ● 2.412~2.472G(IEEE802.11g) (2Rx) -93dBm @ 6Mbps -77dBm @ 54Mbps ● 2.412~2.472G(IEEE802.11n) (2Rx) -89 dBm MCS 8 -70 dBm MCS 15 ● 5.180~5.825G(IEEE802.11a) (2RX) -92dBm @ 6Mbps -78dBm @ 54Mbps ● 5.180~5.825G(IEEE802.11n) (2RX) -86dBm @ MCS 8 -68dBm @ MCS 15				



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Available transmit power	● 2.412~2.472G(IEEE802.11g) 17 dBm @6Mbps 15 dBm @54Mbps ● 2.412~2.472G(IEEE802.11n) 15dBm @MCS 8 ● 5.180~5.825G(IEEE802.11a) 15dBm ● 5.180~5.825G(IEEE802.11n) 13dBm
Regulation Certifications	FCC Part 15, ETSI 300/328/CE

SOFTWARE FEATURES

Wireless	WEP, WPA / WPA2 (AES / TKIP) WPS, WMM
Drivers	Windows 2000/XP/Vista Linux 2.4 and 2.6 MAC OS

ENVIRONMENT & PHYSICAL

Temperature Range	0 to 45° C - Operating, -10 to 70 ° C - Storage
Humidity (non-condensing)	15% ~ 95% typical

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