



ExpandarMax9

2.4/5GHz High Power 11n USB Adapter
Technical Specifications

Standards	Wireless: IEEE 802.11a/b/g/n (1Tx2R) USB 2.0 standard	
Chipset	Ralink 2770	
Data Rate	802.11b: 11 Mbps 802.11a/g: 54Mbps 802.11n: TX:150Mbps RX:300Mbps	
Data Modulation Type	IEEE 802.11b: (DSSS), 5.5/11 Mbps (CCK), 2 Mbps (DQPSK), 1 Mbps (DBPSK) IEEE 802.11a/g: (OFDM), 48/54 Mbps(64-QAM), 24/36 Mbps (16-QAM), 12/18 Mbps (QPSK), 6/9Mbps (BPSK) IEEE 802.11n: (OFDM) 64-QAM, 16-QAM-16,QPSK, BPSK	
Output Power	11b: 25dbm+/- 1.5dbm @ 11Mbps 11g: 21dbm+/- 1.5dbm @ 54Mbps 11g/n: 18dBm +/- 1.5dbm @MCS7,HT20, 17dBm@MCS7,HT40 11a: 23dBm +/- 1.5dbm @ 54Mbps 11a/n: 23dBm+/- 1.5dbm @MCS7,HT20, 13dBm@MCS7,HT40	
Sensitivity	11b: -87dBm@11Mbps 11g: -74dBm@54Mbps 11g/n: -71dBm@HT20,MCS7, -66dBm@HT40,MCS7 11a: -74dBm@54Mbps 11a/n: -70dBm@HT20,MCS7, -66dBm@HT40,MCS7	
Current Consumption	RX: 300mA TX:11b:730mA @11Mbps,25dBm 11g:440mA@54Mbps,21dBm 11g/n:400mA@65Mbps,18dBm 11a:380mA@54Mbps,16dBm, 11a/n:350mA@65Mbps,13dBm	
Antenna	External 5dBi Antenna and one on-board antenna.	
Host Interface	USB2.0 Mini USB	
Frequency Range	US, Canada : 2.412GHz~2.462 GHz (CH1~CH11) EU, Japan : 2.412GHz~2.472GHz (CH1~CH13) US, Canada : 5.15GHz~5.35GHz ; 5.725GHz~5.850GHz EU, Japan :5.15GHZ~5.35GHZ ;5.47GHz~5.725GHz	
Security	64/128-bit WEP Encryption, WPA, WPA2	
Driver	Windows 7 / 2000 / XP/ Vista; Linux; MAC	
Operating Voltage	DC 5V ± 5%	
Temperature	Operating: 0°C ~ +50°C	Storage : -10°C ~ +65°C
Humidity	20% ~ 85% Non-Condensing	10% ~ 90% Non-Condensing

Package:

- AbgN USB Adapter x 1
- USB Y-Cable x 1
- 5dBi Antenna x 1
- CD-ROM (Driver, User Manual) x1

**Easy
Clip on NB**

