



ExpandarMax2

2.4GHz High Power 11n USB Adapter

Technical Specifications

Standards	Wireless: IEEE 802.11b/g/n (1Tx1R) USB 2.0 standard	
Chipset	Ralink 3070	
Data Rate	11b: 1 / 2 / 5.5 / 11Mbps 11g: 6 / 9 / 12 / 18 / 24 / 36 / 48 / 54 Mbps 11n (20MHz): MCS0-7 (up to 150Mbps) 11n (40MHz): MCS0-7 (up to 150Mbps)	
Data Modulation Type	IEEE 802.11b: 5.5/11 Mbps (DQPSK-CCK), 2 Mbps (DQPSK-DSSS), 1 Mbps (DBPSK-DSSS) IEEE 802.11g: (OFDM), 48/54 Mbps(64QAM), 24/36 Mbps (16QAM), 12/18 Mbps (QPSK), 6/9Mbps (BPSK) IEEE 802.11n: HT20: 57.8~72.2Mbps (64QAM), 28.9/43.3Mbps (16QAM), 14.4/21.7Mbps (QPSK), 7.2Mbps (BPSK) HT40: 120~150Mbps (64QAM), 60/90Mbps (16QAM), 30/45Mbps (QPSK), 15Mbps (BPSK)	
Output Power	11b: 27dbm +/- 1.5dbm @ 11Mbps 11g: 24dbm +/- 1.5dbm @ 54Mbps 11g/n: 22dBm +/- 1.5dbm @MCS7,HT20 11g/n: 22dBm +/- 1.5dbm @MCS7,HT40	
Sensitivity	11b: -92dBm +/-1dbm @11Mbps 11g: -76dBm +/-1dbm @54Mbps 11g/n: -73dBm +/-1dbm @HT20,MCS7 11g/n: -70dBm +/-1dbm @HT40,MCS7	
Current Consumption	RX: 300mA TX:11b:900mA @11Mbps,27dBm 11g:550mA@54Mbps,24dBm 11g/n:500mA @65Mbps,22dBm 11g/n:500mA @135Mbps,22dBm	
Antenna	External 5dBi Antenna	
Host Interface	USB 2.0 mini USB	
Frequency Range	US, Canada : 2.412GHz~2.462 GHz (CH1~CH11) EU, Japan : 2.412GHz~2.472GHz (CH1~CH13)	
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 Content:

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

Easy Clip on NB

