



ExpandarPro2

2.4GHz High Power USB Adapter
Technical Specifications

Standards	Wireless: IEEE 802.11b/g USB 2.0 standard		
Chipset	Realtek 8187L		
Data Rate	11b: 1 / 2 / 5.5 / 11Mbps 11g: 6 / 9 / 12 / 18 / 24 / 36 / 48 / 54 Mbps		
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)		
Output Power	11b: 25dbm +/- 1.5dbm @ 11Mbps 11g: 21dbm +/- 1.5dbm @ 54Mbps	11b: 27dbm +/- 1.5dbm @ 11Mbps 11g: 24dbm +/- 1.5dbm @ 54Mbps	11b: 30.5dbm +/- 1.5dbm @ 11Mbps 11g: 24dbm +/- 1.5dbm @ 54Mbps
Sensitivity	11b: -92dBm +/-1dbm @11Mbps 11g: -75dBm +/-1dbm @54Mbps	11b: -92dBm +/-1dbm @11Mbps 11g: -75dBm +/-1dbm @54Mbps	11b: -91dBm +/-1dbm @11Mbps 11g: -78dBm +/-1dbm @54Mbps
Current Consumption	RX: 300mA TX:11b:1000mA@11Mbps,27dBm 11g: 600mA@54Mbps,24dBm		TX:11b:1000mA@11Mbps,31dBm TX:11g: 600mA@54Mbps,24dBm RX 11b/g: 300mA
Antenna	External 5dBi Antenna		
Host Interface	USB 2.0 mini USB		
Frequency Range	2.4000~2.4835GHz (ISM Band)		
Security	WEP 64/128, WPA, WPA2, Support		
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:

- 11bg USB Adapter x 1
- USB Y-Cable x 1
- 5dBi Antenna x 1
- CD-ROM (Driver, User Manual) x1

**Easy
Clip on NB**

