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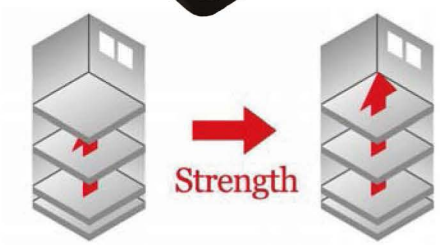
802.11b/g/n 1000mW WIFI Adapter

RoHS compliant

Wireless 802.11b/g/n 1000mW (30dBm)
Power Adjustable Wireless USB Adaptor
With 5dBi Antenna



Category	Item	Description
General	Standards	Wireless: IEEE 802.11b/g, 802.11n draft 2.0 USB 2.0 standard
	Data Rate	802.11b: 11Mbps 802.11g: 54Mbps 802.11n draft 2.0: 150Mbps
	OS Supported	Windows 2000 Windows XP 32/64 bits Windows Vista 32/64 bits Windows 7 32/64 bits Linux Mac Support S/W AP
	Interface	USB 2.0 mini USB
	Antenna Type	5dBi Dipole Antenna

Category	Item	Description
Hardware	Chipset	RT3070L
	One LED	Power Wireless Act.
	Frequency ISM Band	2412~2462 MHz (North America) 2412~2472 MHz (General Europe) 2412~2484 MHz (Japan)
	Channel	1~11 channels (North America) 1~13 channels (General Europe) 1~14 channels (Japan)
	Emission Type	DSSS/OFDM
	Output Power	20~30dBm (100mw~1000mw), RF power adjustable
	Sensitivity for 802.11b	1, 2 Mbps (BPSK, QPSK): - 96dBm 11 Mbps (CCK): -91dBm (Typically @PER < 8% packet size 1024 and @25ºC + 5ºC)
	Sensitivity for 802.11g	54Mpbs (64QAM): -76dbm 48Mbps (64QAM): -71dbm 36Mpbs (16QAM): -78dbm 24Mbps (16QAM): -80dbm 18Mbps (QPSK): -81dbm 12Mpbs (QPSK): -82dbm 9Mbps (BPSK): -85dbm 6Mbps (BPSK): -91dbm (typically @PER < 10% packet size 1024 and @25ºC + 5ºC)
	Sensitivity for 802.11n	802.11n(20MHz): -76dBm± 2dB @65Mbps 802.11n(40MHz): -74dBm± 2dB @135Mbps
	Frequency Stability	within +10 ppm
	Data Modulation Type	BPSK,QPSK, CCK and OFDM
	Power	Voltage: DC5V±5%
	Security	WEP 64/128 802.1X support Wi-Fi Protected Access (WPA) WPA-PSK WPA II
Environment Spec.	Operating Temp	0°C ~ +50°C
	Storage	-10°C ~ +65°C