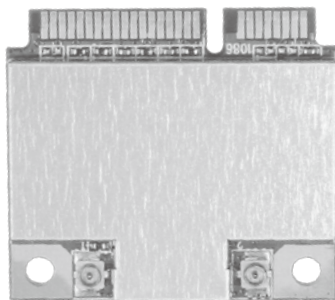


AX92211

802.11b/g/n 1T1R USB Half Mini Card with Ralink RT3070



Introduction

AX92211 is an 802.11b/g/n Wi-Fi USB module and fully supports the features and functional compliance with IEEE 802.11b/g/n standard, supporting up to 150Mbps data rates. Comparing to 802.11b/g technology, it makes big improvement on speed and range.

Specifications

	Specification
WLAN Standard	USB Mini Card
Host Interface	Ralink RT3070 (MAC/Baseband/Radio)
Major Chipset	Supports Both EEPROM / E- fuse version
Frequency Range	2.4 GHz ISM Bands 2.412-2.472 GHz, 2.484 GHz
Modulation	802.11 g/n: OFDM 802.11b: CCK(11, 5.5Mbps), QPSK(2Mbps), BPSK(1Mbps)
Output Power	802.11b: 16 dBm +/-1.5dBm (11Mbps) 802.11g: 14 dBm +/-1.5dBm (54Mbps) 802.11n: 13 dBm +/-1.5dBm (HT20 MCS7) 11 dBm +/-1.5dBm (HT40 MCS7)
Receive Sensitivity	802.11b: 11M -76 dBm 802.11g: 54M -67dBm 802.11n: HT20 MCS7 -64dBm, HT40 MCS7 -61dBm
Data Rates	802.11b: 11,5.5,2,1 Mbps 802.11g: 54,48,36,24,18,12,9,6 Mbps 802011n: up to 150Mbps
Operating Range	Open Space: 300 M Indoor: 100 M (The transmission speed may vary according to the environment)
Security	WEP 64-bit and 128-bit encryption WPA(Wi-Fi Protected Access) WPA2(Wi-Fi Protected Access)
OS Compatibility	Windows® XP/Vista/Linux
Mechanical/ Environmental	
Operating Temp.	0° C ~ +80° C
Storage Temp.	-10° C ~ +85° C
Voltage	3.3V +/- 5%
Dimensions	29.85mm x 26.65 mm

Features

- USB Half Mini Card.
- Compliant with IEEE802.11n Draft 3.0 standard
- 2 antennas to support 1 (transmit) x 1 (receive) diversity technology
- High speed wireless connection up to 150Mbps
- Low power consumption and high performance
- Enhanced wireless security

Ordering Information

AX92211	802.11b/g/n 1T1R USB half mini card with Ralink RT3070
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Packing List

1 x Coaxial cable IPEX MHF/PR-SMA(F) 230mm
1 x WLAN Antenna PR-SMA(M) 109mm Omni-direct
1 x Bracket

Dimensions

