

Features:

- **Reference Design: Atheros WB225**
- **Standard: 802.11b/g/n Mini Card**
- **Interface: Half Mini Card (PCIe: WLAN)**
- **Chipset: Atheros AR3012 + AR9485**
- **Antenna: 2 x U.FL connectors, Wifi:1T2R**
- **Data rate up to 150Mbps**
- **Enhanced wireless security: 64/128-bits WEP, WPA, WPA2**
- **Support Windows XP/ Vista, Win 7, Linux, Android by request**

WPEA-152GN(BT)

802.11b/g/n Wi-Fi Half Mini PCIe Module, Atheros AR3012 + AR9485, 1T1R, WB225



System	
Standard	802.11b/g/n
Chipset	Mac/BB/RF: Atheros AR9485 + AR3012
Host Interface	Half Mini Card (PCIe: WLAN)
Antenna	2 x U.FL connectors (1T/ 1R)
Operating Frequency	802.11 b/g/n ISM Band: 2.400GHz ~ 2.4835GHz
Modulation	802.11b: DSSS (DBPSK, DQPSK, CCK) 802.11g: OFDM (BPSK, QPSK, 16-QAM, 64-QAM) 802.11n: OFDM (BPSK, QPSK, 16-QAM, 64-QAM)
Output Power	802.11b: 17dBm ± 2 dBm 802.11g: 13 dBm ± 2dBm 802.11g n HT20: 11dBm ± 2 dBm @MCS7 802.11g n HT40: 11dBm ± 2 dBm @MCS7
Receive Sensitivity	802.11b: -85dBm ± 2dBm@11Mbps 802.11g: -68dBm ± 2dBm@54Mbps 802.11g n HT20: -68dBm ± 2dBm@ MCS7 802.11gn HT40: -65dBm ± 2dBm@ MCS7
Continue TX	Max 310 m A
Continue RX	Max 180 m A
Operating Voltage	DC 3.3V 9%
Temperature Range	0 ~ 75°C (Operating) -40 ~ 85°C (Storing)
Humidity (Non-Condensing)	5 ~ 90% (Operating) 5 ~ 95% (Storing)
Dimensions	30 x 26.8 x 3.4mm (± 0.15mm)
Weight	7g
Driver	Windows XP/Vista /Win 7 , Linux, Android by request
Security	64/128-bit s WEP, WPA, WPA2

Mechanical Dimension (mm)

