AMO-WIFI07E

Advantech Atheros AR9462, 802.11 a/b/g/n+BT4.0 Mini PCIe Card



Features

- IEEE 802.11 a/b/g/n + Bluetooth 4.0 HS combo solution
- Dual-band (2.4/5GHz) 2-stream 802.1n, Up to 300Mbps
- 2Tx/ 2Rx
- Security 64-bit, 128-bit and 152-bit WEP encryption, 802.1x authentication, AES-CCM & TKIP
- Operating temperature: 0 to 70° C

*For Japan market, please contact Advantech Module Team directly (Tones.Yen #9452,Tones.Yen@advantech.com.tw) for proper WIFI+BT solution.

Specifications

WIFI Portion Specifications

Main Chipset	Atheros® AR9462
Tx/Rx	2Tx/2Rx
Standard Conformance	802.11 a/b/g/n
Form Factor	PCIe signal with Half-size Mini PCIe card
Interface	PCI Express mini-card rev. 1.2
Operation Voltage	3.3V±5%
Power Consumption	802.11a Continue Tx: 550 (Avg.mA) 802.11b Continue Tx: 405 (Avg.mA) 802.11g Continue Tx: 436 (Avg.mA) 802.11n (2.4GHz) Continue Tx: 365 (Avg.mA) 802.11n (5GHz) Continue Tx: 445 (Avg.mA)
Security	64-bit, 128-bit and 152-bit WEP encryption 802.1x authentication AES-CCM & TKIP
OS Support	Windows XP/Vista/7/8 and Linux
Operation Temperature Ranges	0° C to +70° C
Dimensions (L x W x H)	26.65 x 29.85 x 1.0mm

Bluetooth Portion Specifications

Main Chipset	Atheros® AR9462
Standard Conformance	Bluetooth c4.0 + HS
Frequency Range	2.400-2.4835 GHz
Frequency Tolerance	±40 kHz
Operation Voltage	3.3V±5%
Power Consumption	Idle mode: 15.1(Avg.mA) Continuous DH5 Tx: 68.8 (Avg.mA)
Operation Temperature Ranges	0° C to +70° C

Packing List

Part Number	Description
-	1x 802.11 abgn+BT4.0 Mini PCIe Card
-	1x Half-size miniPCIe to miniPCIe bracket set
-	2x M2*3L Screws
-	2x Wireless Antenna
-	2x Wi-Fi Coaxial Cable

Ordering Information

Part No.	Product Description
AMO-WIFI07E	Advantech 802.11 abgn+BT4.0 Mini PCIe Card,Cable,Antenna

All product specifications are subject to change without notice