

# AIW-152

## 802.11 ac/a/b/g/n + Bluetooth 4.2 M.2 2230 (A-E Key) Card



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DIRECTIVE

### Features

- IEEE 802.11 ac/a/b/g/n + Bluetooth 4.2 HS standard
- 2Tx/ 2Rx
- WEP/WPA/WPA2 AES-CCMP hardware implementation as part of 802.11i security standard
- Operating temperature: -40 to 85 °C

### Specifications

Main Chipset	QCA6174A-5
Tx/Rx	2Tx/ 2Rx (2 IPEX MHF4 connector Receptacle)
Standard Conformance	802.11 ac/a/b/g/n
Form Factor	M.2 2230, A-E Key card
Interface	WiFi: PCI-E, Bluetooth: USB
Operation Voltage	DC 3.0 ~ 3.3V
Power Consumption	Continue TX: 537mA (Avg.), (BT off, BW 80MHz)
Security	WEP 64-bit and 128-bit encryption with H/W TKIP processing WPA/WPA2 (Wi-Fi Protected Access) AES-CCMP hardware implementation as part of 802.11i security standard
O.S Supported	Windows 7/8.x/10
Temperature Ranges	wide temp -40 to 85 °C
Dimensions (L x W x H)	22 x 30 x 2.2 mm

### Ordering Information

Part No.	Product Description
AIW-152BQ-001	Advantech Brand, 802.11 ac/a/b/g/n, QCA6174A-5, 2T2R, w/ BT4.2 (Low energy operation)

### Suggested Antenna and Cable

Part No.	Specifications
1750007965-01	WiFi Coaxial Cable, SMA (M) to MHF4, 300mm
1750008717-01	WiFi 2.4 GHz and 5 GHz dipole Antenna
1750008799-01	WiFi Coaxial Cable, 150 mm
1750008653-01	WiFi Coaxial Cable, 200 mm