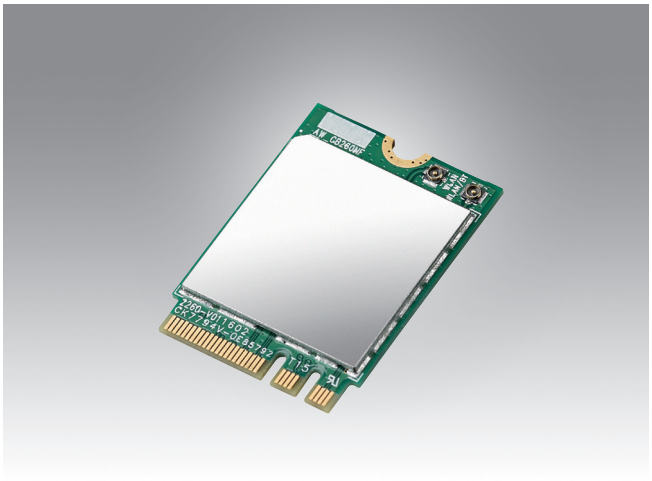
PPC-WLAN-C1E

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



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: -20 to 65 °C
- With M.2 (E Key) to Mini PCIe Adapter
- With 2.4/5G Hz dipole Antenna and 425 mm Coaxial Cable

ANATEL RoHS COMPLIANT 2002/95/EC CE FCC

Specifications

Main Chipset	QCA6174-5
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	Operating Temperature: -20 ~ 65°C Extended Operating Temperature: -20 ~ 85°C (There will be 30~50 Mbps reduced throughput at some data rate at 85°C)
Dimensions (L x W x H)	22 x 30 x 2.2 mm

Ordering Information

Part No.	Product Description
PPC-WLAN-C1E	Advantech Brand, 802.11 ac/a/b/g/n, QCA6174A-5, 2T2R, w/ BT4.2 (Low energy operation) w/Antenna, Cable, Mini PCIe Adapter

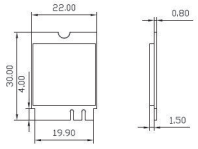
Regulation

The PPC-WLAN-C1E adopts QCA6174A single chip solution and meets it's reference design QCNFA364A module regulations with Anatel certification number 02563-15-06534.

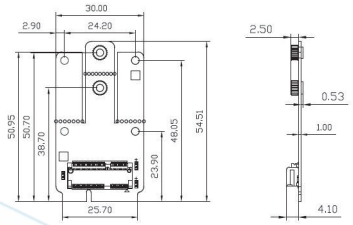
Dimensions

unit: mm

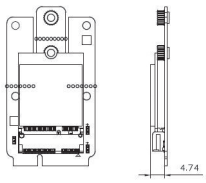
WIFI/BT Module



M.2 to Mini PCIe Adapter



WIFI/BT Module + M.2 to Mini PCIe Adapter



Cable Length



15323776609