EWM-W190H01E

802.11 ac/a/b/g/n + Bluetooth 4.2 Half-size Mini PCIe 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: -40 ~ 85 °C

RoHS COMPLIANT 2002/95/EC CE FCC

Specifications

Main Chipset	QCA6174A-5
Tx/Rx	2Tx/ 2Rx (2 U.FL connectors)
Standard Conformance	802.11 ac/a/b/g/n
Form Factor	Half-size Mini PCIe 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 ~ 85 °C
Dimensions (L x W x H)	26.8 x 29.35 x 3.0 mm

Ordering Information

Part No.	Product Description
EWM-W190H01E	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
1750002842	WiFi 2.4 GHz and 5 GHz dipole Antenna
1750008717-01	WiFi 2.4 GHz and 5 GHz dipole Antenna
1750006043	WiFi Coaxial Cable, 150 mm
1750006010	WiFi Coaxial Cable, 200 mm
1750005885	WiFi Coaxial Cable, 230 mm

Mouser Electronics

Authorized Distributor

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