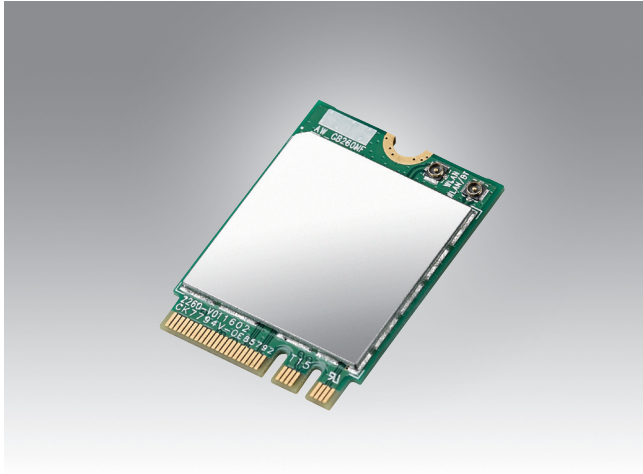


EWM-W195M2

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: -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 |
|---------------|---|
| EWM-W195M201E | 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 |
| 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 |