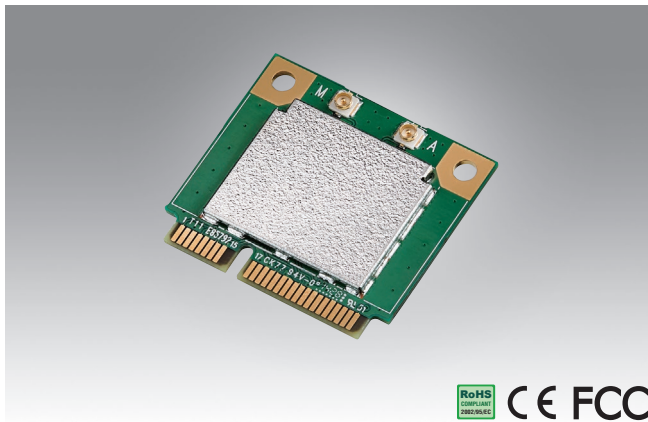


EWM-W157H

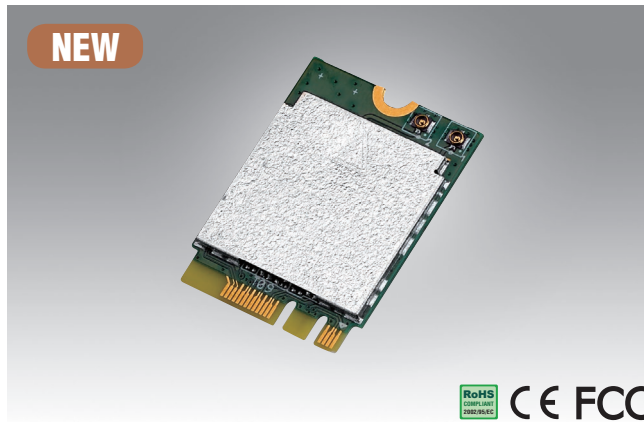
802.11 a/b/g/n/ac + Bluetooth 4.0
Half-size Mini PCIe Card

EWM-W160M2

802.11 b/g/n
M.2 2230 Card



RoHS COMPLIANT 2002/95/EC CE FCC



RoHS COMPLIANT 2002/95/EC CE FCC

Features

- IEEE 802.11 a/b/g/n/ac + Bluetooth 4.0 HS standard
- 1Tx/ 1Rx
- Up to 433 Mbps data rate
- 64/128-bit WEP, 802.1x, TKIP and AES
- Operating temperature: 0 to 70° C

Features

- IEEE 802.11 b/g/n
- 1Tx/ 1Rx, 2-antenna
- Up to 150 Mbps data rate
- 64/128-bit WEP, 802.1x, TKIP and AES
- Operating temperature: 0 to 70° C

Specifications

Main Chipset	Realtek RTL8821AE
Tx/Rx	1Tx/ 1Rx (2 U.FL connectors)
Standard Conformance	802.11 a/b/g/n/ac
Form Factor	Half-size Mini PCIe card
Interface	PCI-E
Operation Voltage	DC 3.3V ±5%
Power Consumption	WiFi Continue TX: 359.5 mA BT Continue TX: 54.9 mA
Security	64/128 bit WEP
O.S Supported	Windows 7/8/8.1,
Temperature Ranges	Operation: 0 to 70° C
Dimensions (L x W x H)	26.65 x 29.85 x 3.95 mm

Specifications

Main Chipset	Realtek RTL8188EE
Tx/Rx	1Tx/ 1Rx (2 U.FL connectors)
Standard Conformance	802.11 b/g/n
Form Factor	M.2 2230 card
Interface	PCI-E
Operation Voltage	DC 3.3V ±5%
Power Consumption	WiFi Tx Packet: 196.2mA
Security	64/128 bit WEP
O.S Supported	Windows 7/8/8.1,
Temperature Ranges	Operation: 0 to 70° C
Dimensions (L x W x H)	22 x 30 x 2.3 mm

Ordering Information

Part No.	Product Description
EWM-W157H01E	802.11 a/b/g/n/ac, Realtek RTL8821AE, WiFi 1T1R, BT4.0, Half-size Mini PCIe Card

Ordering Information

Part No.	Product Description
EWM-W160M201E	Advantech 802.11 b/g/n, Realtek RTL8188EE, 1T1R, 2-antenna

Suggested Antenna and Cable

Part No.	Specifications
1750002842	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

Suggested Antenna and Cable

Part No.	Specifications
1750000318	WiFi 2.4 GHz 2dBi dipole Antenna
1750007965-01	WiFi Coaxial Cable, 300 mm,