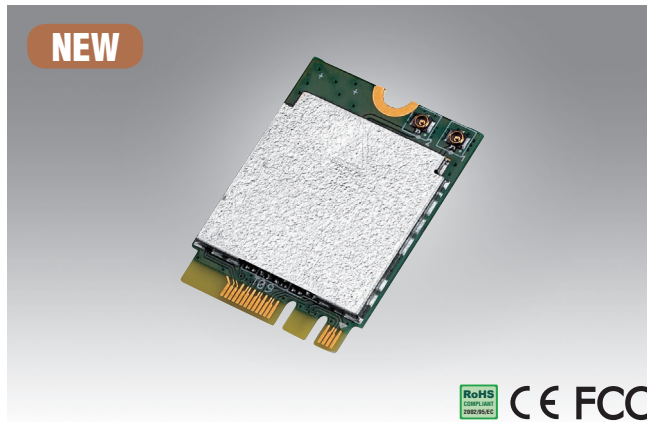
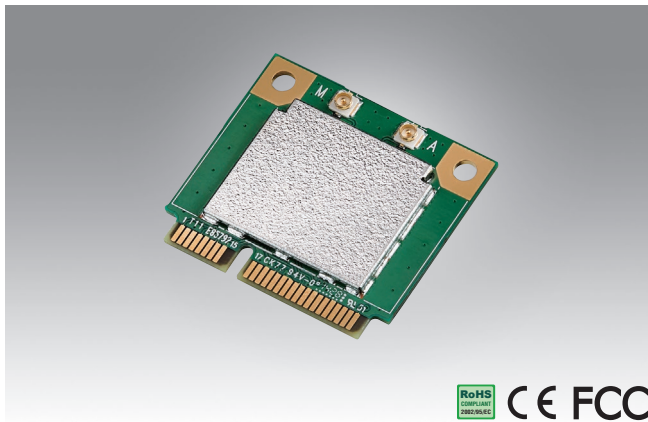


# EWM-W157H

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



## 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,



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