

# EWM-W155H

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

# EWM-W158F

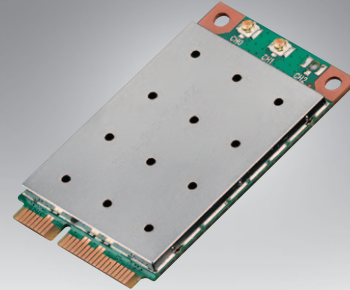
802.11 a/b/g/n  
Full-size Mini PCIe Card

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## Features

- IEEE 802.11 a/b/g/n + Bluetooth 4.0 HS standard
- 2Tx/ 2Rx
- Up to 300 Mbps data rate
- 64/128/152-bit WEP, 802.1x, TKIP and AES
- Operating temperature: 0 to 70° C

## Features

- IEEE 802.11 a/b/g/n
- 2Tx/ 2Rx
- Up to 300 Mbps data rate
- 64/128/152-bit WEP, 802.1x, TKIP and AES
- Operating temperature: -40 to 85° C

## Specifications

Main Chipset	Atheros AR9462
Tx/Rx	2Tx/ 2Rx (2 U.FL connectors)
Standard Conformance	802.11 a/b/g/n
Form Factor	Half-size Mini PCIe card
Interface	PCI Express mini-card rev. 1.2
Operation Voltage	DC 3.3V ±5%
Power Consumption	WiFi Continue TX: 445 mW (Avg.)
Security	64/128 bit WEP
O.S Supported	Windows XP/Vista/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	Atheros AR9592-AR1B
Tx/Rx	2Tx/ 2Rx (2 U.FL connectors)
Standard Conformance	802.11 a/b/g/n
Form Factor	Full-size Mini PCIe card
Interface	PCI Express mini-card rev. 1.2
Operation Voltage	DC 3.3V ±5%
Power Consumption	Continue TX: 700mA (Avg.)
Security	64/128 bit WEP
O.S Supported	Windows XP/Vista/7/8/8.1,
Temperature Ranges	Operation: -40 to 85° C
Dimensions (L x W x H)	50.8 x 29.85 x 2.86 mm

## Ordering Information

Part No.	Product Description
EWM-W155H01E	802.11 a/b/g/n, Atheros AR9462, WiFi 2T2R, BT4.0, Half-size Mini PCIe Card

## Ordering Information

Part No.	Product Description
EWM-W158F01E	Advantech 802.11 a/b/g/n, Atheros AR9592-AR1B, 2T2R (Wide-temp.)

## 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

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