

EWM-W148H

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

EWM-W150H

Advantech USB 802.11 b/g/n Mini PCIe Card



Features

- IEEE 802.11 a/b/g/n dual-band (2.4 and 5 GHz) with Bluetooth 4.0 standard
- 2Tx / 2Rx MIMO, Up to 300 Mbps data rate
- Operating temperature: 0 to +80° C
- Support for Cisco Compatible Extensions (CCX) v4
- Supports Intel® AMT 8.0

Specifications

Main Chipset	Intel 6235, Jackson Peak 2
Tx/Rx	2Tx / 2Rx MIMO
Standard Conformance	802.11 a/b/g/n with Bluetooth 4.0
Form Factor	Half-size Mini PCIe card
Interface	PCI Express mini-card rev. 1.2
Operation Voltage	DC 3.3V ±5%
Power Consumption	Max WiFi: 1920 mW
Security	WEP (64-bit, and 128-bit), WPA2 and AES-CCMP
OS Supported	Windows XP/7 (32 and 64 bit)
Temperature Ranges	Operation: 0 to +80° C
Dimensions (L x W x H)	26.80 x 30.00 x 3.75 mm

Ordering Information

Part No.	Product Description
EWM-W148H01E	802.11 a/b/g/n + Bluetooth 4.0, Intel 6235, Half-size Mini PCIe Card

Suggested Antenna and Cable

Part No.	Specifications
1750002842	WiFi Dual band-2.4 and 5G Antenna
1750006043	WiFi Coaxial Cable, 150 mm
1750006010	WiFi Coaxial Cable, 200 mm
1750005885	WiFi Coaxial Cable, 230 mm



Features

- IEEE 802.11 b/g/n (2.4 GHz) standard
- USB signal with half-size Mini PCIe Card Interface
- 1Tx / 1Rx, Up to 150 Mbps data rate
- Operating temperature: 0 to +70° C
- Supports Win XP/ VISTA/ 7, Win CE5.0/6.0, Linux

Specifications

Main Chipset	Ralink RT5390
Tx/Rx	1Tx / 1Rx
Standard Conformance	802.11 b/g/n
Form Factor	USB signal with Half-size Mini PCIe card
Interface	PCI Express mini-card rev. 1.2
Operation Voltage	DC 3.3V ±5%
Power Consumption	Continue Tx: 384.5 mA (HT40) Continue Rx: 262.4 mA (HT40)
Security	WEP 64/128-bit, WPA, WPA2
OS Supported	Win XP/ VISTA/ 7, Win CE5.0/6.0, Linux
Temperature Ranges	Operation: 0 to +70° C
Dimensions (L x W x H)	26.65 x 29.85 x 3.25 mm

Ordering Information

Part No.	Product Description
EWM-W150H01E	Advantech USB 802.11 b/g/n, Ralink RT5390 1T1R, Half-size Mini PCIe Card

Suggested Antenna and Cable

Part No.	Specifications
1750000318	Wi-Fi 2.4 GHz 2dBi dipole Antenna
1750003222	Wi-Fi 2.4 GHz 5dBi dipole Antenna
1750003418	Wi-Fi 2.4 GHz 9dBi dipole Antenna
1750006043	Wi-Fi Coaxial Cable, 150 mm
1750006010	Wi-Fi Coaxial Cable, 200 mm
1750005885	Wi-Fi Coaxial Cable, 230 mm

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Advantech:](#)

[EWM-W150H02E](#)