

EWM-W138H

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

EWM-W143H

802.11a/b/g/n + Bluetooth 3.0
Half-size Mini PCIe Card

NEW



RoHS COMPLIANT
CE FCC

Features

- IEEE 802.11a/b/g/n dual-band (2.4 and 5 GHz) standard
- 2Tx/2Rx MIMO
- Up to 300 Mbps data rate
- 64/128 bit WEP Encryption, TKIP, AES-CCMP
- Operating temperature: 0 to 80° C
- Support Cisco Compatible Extensions(CCX) V4 and Intel AMT 7.0

Specifications

Main Chipset	Intel Commercial 6205, Taylor Peak
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	Continue TX: 1900 mW (Avg.)
Security	64/128 bit WEP, TKIP, AES-CCMP
OS Supported	Windows XP/ Vista/ 7, Linux
Temperature Ranges	Operation: 0 to +80° C
Dimensions (L x W x H)	26.80 x 30.00 x 3.25 mm

Ordering Information

Part No.	Product Description
EWM-W138H01E	802.11 a/b/g/n, Commercial, 2T2R, 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

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Features

- IEEE 802.11 a/b/g/n dual-band (2.4 and 5 GHz) WITH Bluetooth 3.0 standard
- 2Tx / 2Rx MIMO, Up to 300 Mbps data rate
- Operating temperature: 0 to +80° C
- Support for Cisco Compatible Extensions (CCX) v4
- Support Intel® AMT 7.0

Specifications

Main Chipset	Intel 6230, Rainbow Peak2
Tx/Rx	2Tx / 2Rx MIMO
Standard Conformance	802.11 a/b/g/n with Bluetooth 3.0+HS
Form Factor	Half-size Mini PCIe card
Interface	PCI Express mini-card rev. 1.2
Operation Voltage	DC 3.3V ±5%
Power Consumption	Stress Power both wifi and BT: 1950mW
Security	WEP (64-bit, and 128-bit), WPA2 and AES-CCMP
O.S Supported	Windows XP/ Vista/ 7/Win7e
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-W143H01E	802.11 a/b/g/n + Bluetooth 3.0, Intel 6230, Half-size Mini PCIe Card

Suggestion 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