

EWM-W137H

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

EWM-W141H

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

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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: -40 to 85° C
- Support Cisco Compatible Extensions (CCX) V4 and Intel AMT 7.0

Features

- IEEE 802.11 b/g/n + Bluetooth 3.0 HS standard
- 1Tx/ 1Rx
- Up to 150 Mbps data rate
- 64/128 bit WEP
- Operating temperature: 0 to 70° C

Specifications

Main Chipset	Intel Industrial 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: -40 to 85° C
Dimensions (L x W x H)	26.80 x 30.00 x 3.25 mm

Specifications

Main Chipset	Ralink RT3290ML
Tx/Rx	1Tx/ 1Rx (2 U.FL connectors)
Standard Conformance	802.11 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: 11.48 mW (Avg.) Bluetooth: Continue TX: 408.1 mW (Avg.)
Security	64/128 bit WEP, WPA, WPA2
OS Supported	Windows XP/Vista/7
Temperature Ranges	Operation: 0 to 70° C
Dimensions (L x W x H)	26.65 x 29.85 x 3.95 mm

Ordering Information

Part No.	Product Description
EWM-W137H01E	802.11 a/b/g/n, Industrial, 2T2R, Half-size Mini PCIe Card

Ordering Information

Part No.	Product Description
EWM-W141H01E	802.11 b/g/n + Bluetooth 3.0, 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

Suggested Antenna and Cable

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