

EWM-W143H

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



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

EWM-C108HQ

HSUPA Half-size Mini PCIe Card



Features

- 800-850/900/1900/2100 MHz for WCDMA network
- 850/900/1800/1900 MHz for EDGE/GPRS/GSM network
- Downlink: 14.4 Mbps, Uplink: 5.76 Mbps
- Operating temperature: -10 to 55° C

Specifications

Main Chipset	Qualcomm MDM6200
Antenna	2 RF Antenna Coaxial Connectors
Band	WCDMA: 800-850/ 900/ 1900/ 2100 MHz EDGE/ GPRS/ GSM: 850/ 900/ 1800/ 1900 MHz
Data throughput	Downlink: 14.4 Mbps Uplink: 5.76 Mbps
Interface	PCI Express mini-card rev. 1.2
Operation Voltage	DC 3.3V ±9%
Power Consumption	< 630 mA (WCDMA 2100 @ 24dBm)
O.S Supported	Windows XP/ Vista/ 7, WinCE/Mobile and Linux
Temperature Ranges	Operation: -10 to 55° C
Dimensions (L x W x H)	26.8 x 30.0 x 4.2 mm

Ordering Information

Part No.	Product Description
EWM-C108HQ01E	3.75G HSUPA Half-size Mini PCIe Card

Suggestion Antenna and Cable

Part No.	Specifications
1750005865	824-960 MHz, 1710-2170 MHz dipole antenna, 109 mm
1750006083	900/ 1800/ 1900/ 2100 MHz dipole antenna, 92 mm
1750006426	824-960 MHz, 1710-2170 MHz dipole antenna, 169.5 mm
1750005866	Coaxial GSM/ GPS Cable, 100 mm
1750006009	Coaxial GSM/ GPS Cable, 250 mm