



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



EWM-W145H

802.11 b/g/n Mini PCIe Card

EWM-W146H

802.11a/ b/g/n Mini PCIe Card



RoHS COMPLIANT
CE FCC



RoHS COMPLIANT
CE FCC

Features

- IEEE 802.11 b/g/n (2.4 GHz) standard
- 1Tx / 1Rx , Up to 150 Mbps data rate
- 7-year longevity
- Operating temperature: 0 to +80° C
- Support for Cisco Compatible Extensions (CCX) v4

Features

- IEEE 802.11 a/b/g/n dual-band (2.4 and 5 GHz) standard
- 3Tx / 3Rx MIMO, Up to 450 Mbps data rate
- 7-year longevity
- Operating temperature: 0 to +80° C
- Support for Cisco Compatible Extensions (CCX) v4
- Support Intel® AMT 7.0

Specifications

Main Chipset	Intel N 100
Tx/Rx	1Tx / 1Rx
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	Tx 2SS, Minimum: 1900 mW
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 3.10 mm

Specifications

Main Chipset	Intel N 6300
Tx/Rx	3Tx / 3Rx MIMO
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	Tx 3SS, 5.2GHz, Minimum:2200 mW
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-W145H01E	802.11 b/g/n, Intel N 100, Half-size Mini PCIe Card

Ordering Information

Part No.	Product Description
EWM-W146H01E	802.11 a/b/g/n, Intel N 6300, Half-size Mini PCIe Card

Suggestion 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

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