



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

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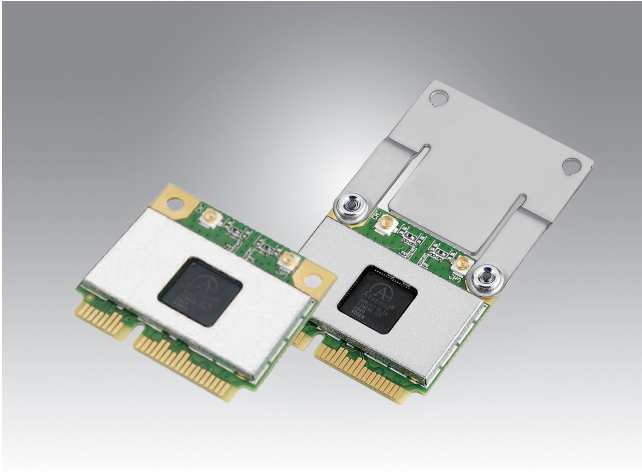
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EWM-W142

802.11 b/g/n Mini PCIe Card



Features

- IEEE 802.11 b/g/n standard (2.4 GHz)
- 2Tx/ 2Rx MIMO
- Up to 300 Mbps data rate
- 64/ 128/ 152 bit WEP, WPA, WPA2, 802.1x, AES & TKIP Encryption
- Operating temperature: 0 to 60° C

Specifications

Main Chipset	Atheros AR9287
Tx/Rx	2Tx/ 2Rx MIMO
Standard Conformance	802.11 b/g/n
Form Factor	EWM-W142H01E: Half-size Mini PCIe card EWM-W142F01E: Full-size Mini PCIe card
Interface	PCI Express mini-card rev. 1.2
Operation Voltage	DC 3.3V ±5%
Power Consumption	Continue TX: 1749 mW (Avg.)
Security	64/ 128/ 152 bit WEP, WPA, WPA2, 802.1x, AES & TKIP Encryption
OS Supported	Windows XP/ Vista/ 7 (32 and 64 bit)
Temperature Ranges	Operation: 0 to +60° C
Dimensions (L x W x H)	EWM-W142H01E: 26.80 x 29.85 x 2.27 mm EWM-W142F01E: 51.00 x 29.85 x 2.27 mm

Ordering Information

Part No.	Product Description
EWM-W142H01E	802.11 b/g/n, Atheros AR9287, Half-size Mini PCIe Card
EWM-W142F01E	802.11 b/g/n, Atheros AR9287, Full-size Mini PCIe Card

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