



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!



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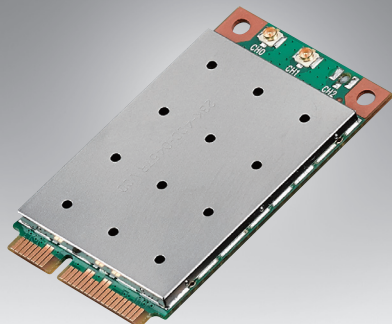
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EWM-W158F

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

NEW



Features

- IEEE 802.11 a/b/g/n
- 2Tx/ 2Rx
- Up to 300 Mbps data rate
- 64/128/152-bit WEP, 802.1x, TKIP and AES
- Operating temperature: -40 to 85° C

Specifications

Main Chipset	Atheros AR9592-AR1B
Tx/Rx	2Tx/ 2Rx (2 U.FL connectors)
Standard Conformance	802.11 a/b/g/n
Form Factor	Full-size Mini PCIe card
Interface	PCI Express mini-card rev. 1.2
Operation Voltage	DC 3.3V ±5%
Power Consumption	Continue TX: 700mA (Avg.)
Security	64/128 bit WEP
O.S Supported	Windows XP/Vista/7/8/8.1
Temperature Ranges	Operation: -40 to 85° C
Dimensions (L x W x H)	50.8 x 29.85 x 2.86 mm

Ordering Information

Part No.	Product Description
EWM-W158F01E	Advantech 802.11 a/b/g/n, Atheros AR9592-AR1B, 2T2R (Wide-temp.)

Suggested Antenna and Cable

Part No.	Specifications
1750002842	WiFi 2.4 GHz and 5 GHz dipole Antenna
1750006043	WiFi Coaxial Cable, 150 mm
1750006010	WiFi Coaxial Cable, 200 mm
1750005885	WiFi Coaxial Cable, 230 mm