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!

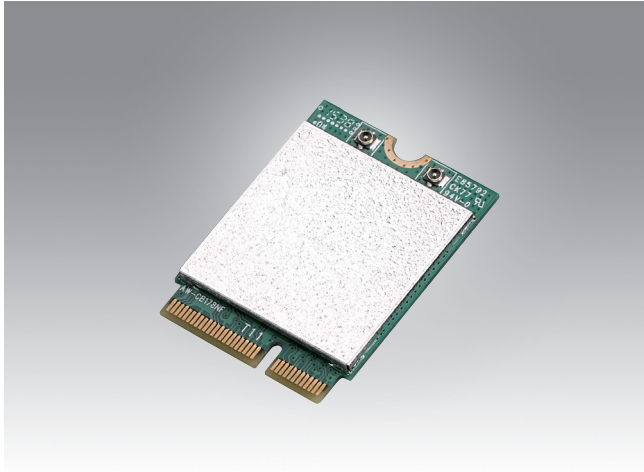## Contact us

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EWM-W162M2

802.11 ac/a/b/g/n + Bluetooth 4.2 M.2 2230 (E-Key) Card

Features

- IEEE 802.11 ac/a/b/g/n + Bluetooth 4.2 HS standard
- 2Tx/ 2Rx
- 64/128 bit WEP, 802.1x, TKIP and AES
- Operating temperature: -30 to 85 °C

RoHS COMPLIANT 2002/95/EC   C€ FCC

Specifications

Main Chipset	Marvell 88W8897P
Tx/Rx	2Tx/ 2Rx (2 IPEX MHF4 connector Receptacle)
Standard Conformance	802.11 ac/a/b/g/n
Form Factor	M.2 2230, E-key card
Interface	WIFI: PCI-E, Bluetooth: USB
Operation Voltage	DC 3.0 ~ 3.3V
Power Consumption	Continue TX: 345mA (Avg.), (BT is off)
Security	64/128 bit WEP
O.S Supported	Linux (Kernel v4.10.12, the driver is available in kernel source tree.)
Temperature Ranges	Operation: -30 to 85 °C
Dimensions (L x W x H)	22 x 30 x 2.2 mm

Ordering Information

Part No.	Product Description
EWM-W162M201E	Advantech Brand, 802.11 ac/a/b/g/n, Marvell 88W8897P, 2T2R, w/ BT4.2 (Low energy operation)

Suggested Antenna and Cable

Part No.	Specifications
1750002842	WiFi 2.4 GHz and 5 GHz dipole Antenna
1750007965-01	WiFi Coaxial Cable, SMA (M) to MHF4, 30 mm