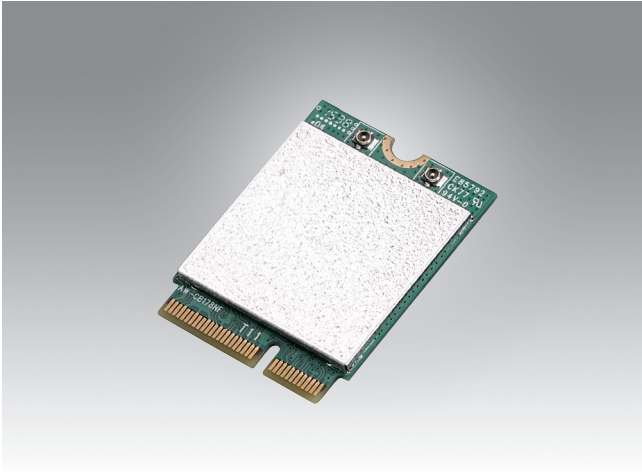# EWM-W162M2

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 CE 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