

# EWM-W188M2

## 802.11 ac/a/b/g/n + Bluetooth 4.2 M.2 2230 (A-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: -10 ~ +70 °C



### Specifications

Main Chipset	RTL 8822BE
Tx/Rx	2Tx/ 2Rx (2 IPEX MHF4 connector Receptacle)
Standard Conformance	802.11 ac/a/b/g/n+BT4.2
Form Factor	M.2 2230, A-E Key card
Interface	WiFi: PCI-E, Bluetooth: USB
Operation Voltage	DC 3.0 ~ 3.3V
Power Consumption	Continue TX: 517mA (Avg.)
Security	64/128 bit WEP
O.S Supported	Windows 7/8.x/10
Temperature Ranges	Operating Temperature: -10~+70°C
Dimensions (L x W x H)	22 x 30 x 2.2 mm

### Ordering Information

Part No.	Product Description
EWM-W188M201E	Advantech Brand, 802.11 ac/a/b/g/n, RTL 8822BE, 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, 300 mm
1750008717-01	WiFi Dual band 2.4G and 5G Antenna

### Regulation

The EWM-W188M201E adopts RTL8822BE single chip solution and corresponds to its regulations with Anatel certification number 03595-16-04076