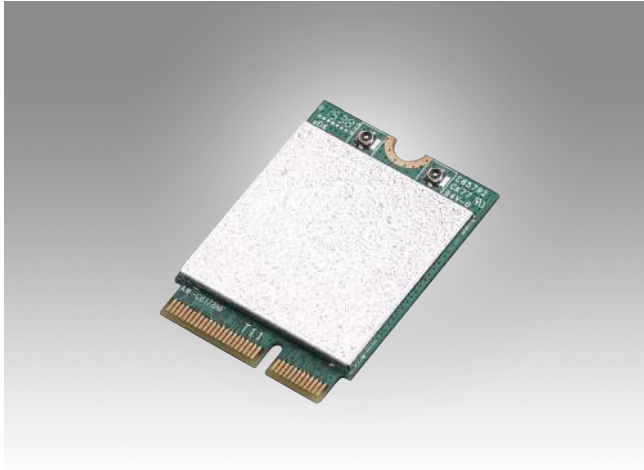


# EWM-W162M2

## 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

### 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 |
| 1750008717-01 | WiFi Dual band 2.4G and 5G Antenna         |