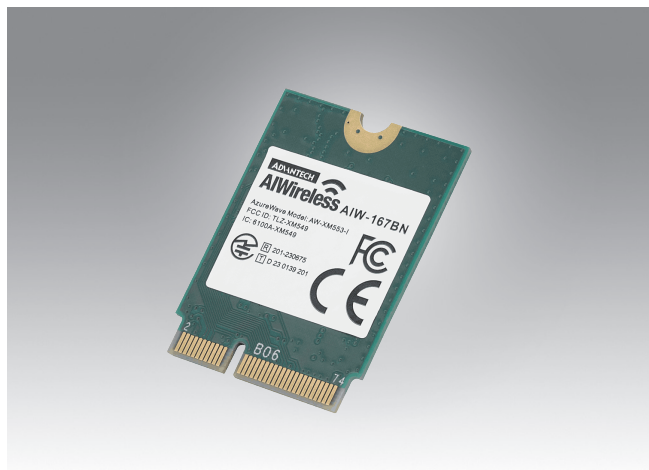


# AIW-167BN

## IEEE 802.11ax/ac/b/g/n + Bluetooth 5.3 M.2 2230 (E-Key) Card



IC CE FCC

### Features

- IEEE 802.11 ax/ac/b/g/n + Bluetooth 5.3 HS standard
- 1Tx/1Rx
- 64/128 bit WEP, WPA, WPA2, WPA3, 802.1x
- Operating temperature: -40 to 85 °C
- Compatible with NXP platforms

### Specifications

Main Chipset	NXP IW611
Tx/Rx	1Tx/1Rx (1 IPEX MHF4 connector Receptacle)
Standard Conformance	Wi-Fi 6 + BT5.3
Form Factor	M.2 2230, E-key card
Interface	Wi-Fi: SDIO, Bluetooth: UART
Operation Voltage	DC 3.0 ~ 3.3V
Power Consumption TX Mode	540mA
Security	64/128 bit WEP, WPA, WPA2, WPA3, 802.1x
O.S Supported	Linux
Temperature Ranges	Operation: -40 to 85 °C
Dimensions (L x W x H)	22 x 30 x 2.7 mm

### Ordering Information

Part No.	Product Description
AIW-167BN-G11	IEEE 802.11ax/ac/b/g/n + Bluetooth 5.3 M.2 2230 (E-Key) Card

### Suggested Antenna & Cables

Part No.	Specifications	Qty
1751000460-01	Omni-directional radiation pattern, compatible for Wi-Fi 5/6/6E/7	1
1751000620-01	Wi-Fi Coaxial Cable, 30cm, RP-SMA female to IPEX4	1
1751000717-01	Wi-Fi 2.4GHz, 5GHz and 6GHz IP67 dipole Antenna	1
1751000651-01	Wi-Fi 2.4GHz, 5GHz and 6GHz, -40~85°C	1
1751000489-01	Wi-Fi Coaxial IP65 Cable, RP SMA(M) to MFH4, L: 250mm	1