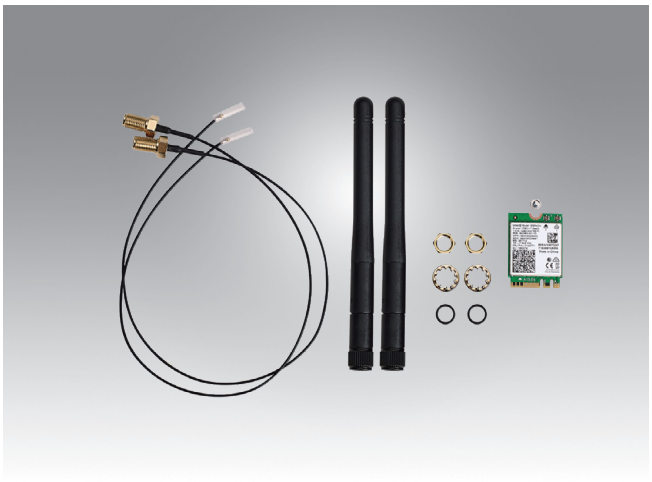
AIW-166K2

Intel® Wireless 6E AX210 (Vpro) M.2 2230 module with cables and antennas



Features

- IEEE 802.11 ax/ac/a/b/g/n (2.4GHz/5GHz/6GHz) + Bluetooth 5.2
- 2Tx/2Rx
- WPA2*, WPA3*
- 802.1x EAP-TLS, EAP-TTLS/MSCHAPv2, PEAPv0-MSCHAPv2 (EAP-SIM, EAP-AKA, EAP-AKA')
- Supports wide operating temperatures (0 ~ 70 °C/32 ~ 158 °F)
- Supports Windows 10*, Linux*, and Chrome OS*
- Wi-Fi 6 technology with 1024QAM and 160Mhz channels

Introduction

Advantech's AIW-166K2 wireless kit comprises a module, 2 cables, and 2 antennas. It facilitates easy assembly and integration.

Specifications

Main Chipset	Intel 6E AX210 (Vpro)
Tx/Rx	2Tx/ 2Rx
IEEE WLAN Standard	IEEE 802.11a, b, d, e, g, h, i, k, n, r, u, v, w, ac, ax
Bluetooth®	Bluetooth® 5.2
Form Factor	M.2 2230, A-E Key card
Interface	Wi-Fi: PCI-E, Bluetooth: USB
Operation Voltage	3.3V
Security	WPA2*; WPA3* Authentication Protocols 802.1x EAP-TLS, EAP-TTLS/MSCHAPv2, PEAPv0 -MSCHAPv2 (EAP-SIM, EAP-AKA, EAP-AKA') Encryption 128-bit AES-CCMP, 56-bit AES-GCMP
O.S Supported	Windows 10*, Linux*, Chrome OS*
Operating temperature	0 ~ 70 °C/32 ~ 158 °F
Dimensions (H x W x D)	22 x 30 x 2.4mm / 0.86 x 1.18 x .09 in

Ordering Information

Part No.	Product Description
AIW-166K2	Intel® Wireless 6E AX210 802.11ax (Vpro)+ BT 5.2 M.2 2230 module with cables and antennas kit

Paking List

Part	Specifications
EWM-W165M202E	Intel® Wireless 6E AX210 802.11ax (Vpro)+ BT 5.2 M.2 2230 module
1750007965-01	Wi-Fi Coaxial Cable, SMA (M) to MHF4, 30 cm (.98 in)
1751000342-01	2.4GHz+5GHz+6GHz Dipole Antenna
1930006770-01	Screw M2.5*4L F/S D=4.5 H=0.8+ST Ni Nk

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