EWK-M2-AC9260 Series

Intel® Wireless-AC 9260 Wi-Fi + Bluetooth M.2 2230 module card with cables and antenna kit

Features

- Bluetooth 5.1
- IEEE 802.11ac wave 2 (Wi-Fi 5)
  - 160GHz channel up to 1.73 Gbps maximum throughput
  - Downlink multi-user MIMO (DL MU-MIMO)
  - 2x2 MIMO antenna
  - Dual band, backward compatible with IEEE 802.11 a/b/g/n
  - WPA2, WPA3, 802.1X authentication
  - IEEE 802.11r seamless roaming
- Operating Temperature : 0°C to 70°C (-40°C to 75°C extended)
- Compact M.2 2230, A/E key form factor with cable and antenna kit to support flexible installation



Ordering Information

Model	Wireless Standard	Form Factor	Operating Temperature	Intel vPro® Technology
EWK-M2-AC9260	802.11ac, Bluetooth 5.1	M.2 2230	0°C to 70°C	No
EWK-M2-AC9260-ET	802.11ac, Bluetooth 5.1	M.2 2230	-40°C to 75°C	No

Packaging Content

Part name	Description	Quantity
Wireless Module	Intel® Wireless-AC 9260 module card	1
RF Cable	IPEX MHF4 to RP-SMA plug 20cm coaxial cable	2
Antenna	RP-SMA jack Dual band Wi-Fi dipole antenna	2
Screw	M3 L6 Ni	1
Adapter Board	M.2 to mPCIe	1
Compliance Label	RF regulatory compliance label	1

Module Specifications

Wireless Chipset	Intel® Wireless-AC 9260 (Intel vPro® Technology support optional)
Wireless Standards	Bluetooth 5.1 IEEE 802.11b/g/n 2.4 GHz, IEEE 802.11a/n/ac 5 GHz
Spatial Stream	2Tx/2Rx (IPEX MHF4 connector receptacle)
Form Factor	M.2 2230 module, A/E key socket
Interface	Wi-Fi (PCIe), Bluetooth (USB)
Security	WPA2, WPA3, 802.1X (EAP-TLS, TTLS, PEAP,EAP-SIM, EAP-AKA, EAP-AKA)
Seamless Roaming	802.11r
Compatibility	Wi-Fi certified
Supply Voltage	3.3V+/- 5%
Power Consumption	Peak 1.54A@3.3V, 5W
OS Support	Microsoft Windows 10, Linux (limited feature support), Chrome OS
Operating Temperature	Standard: 0°C to 70°C Extended: -40°C to 75°C
Dimensions	22mm x 30mm x 2.4mm
Regulatory Compliance	FCC/IC, CE*

*For more information please contact ADLINK.

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