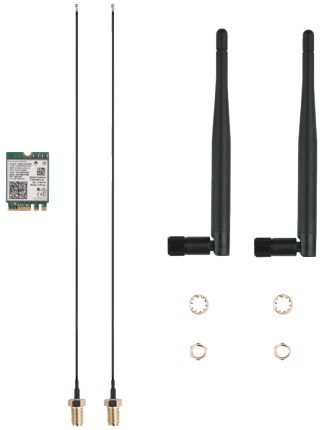
EWK-M2-AX210 Series

Intel® Wireless-AX210 Wi-Fi + Bluetooth M.2 2230 module card with cables and antenna kit



Features

- Bluetooth 5.3
- IEEE 802.11ax (Wi-Fi 6E)
  - 160MHz channel up to 2.4 Gbps maximum throughput
  - Downlink multi-user MIMO (UL MU-MIMO)
  - 2x2 MIMO antenna
  - Tri band, backward compatible with IEEE 802.11 a/b/g/n/ac
  - WPA2, WPA3, 802.1X authentication
  - IEEE 802.11r seamless roaming
- Operating Temperature : 0°C to 80°C (-40°C to 85°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-AX210	802.11ax, Bluetooth 5.3	M.2 2230	0°C to 80°C	No
EWK-M2-AX210-ET	802.11ax, Bluetooth 5.3	M.2 2230	-40°C to 85°C	No

Packaging Content

Part name	Description	Quantity
Wireless Module	Intel® Wireless-AX210 module card	1
RF Cable	IPEX MHF4 to RP-SMA plug 20cm coaxial cable	2
Antenna	RP-SMA jack Tri-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

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Specifications

Model	EWK-M2-AX210	EWK-M2-AX210-ET
Wireless Chipset	Intel® Wireless-AX210 (Intel vPro® Technology support optional)	
Wireless Standards	Bluetooth 5.3 IEEE 802.11b/g/n 2.4 GHz, IEEE 802.11a/n/ac/ax 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 10/11, Linux (limited feature support), Chrome OS	
Operating Temperature	0°C to 80°C	-40°C to 85°C
Dimensions	22mm x 30mm x 2.4mm	
Regulatory Compliance	FCC/IC, CE*	

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