

PCM-24S2WF

WiFi module w/Bluetooth, M.2/Full-size mPCIe, Antennas

NEW



Features

- Meets Advantech iDoor technology standard
- M.2 2230 module with mPCIe adapter
- 2 SMA, 2Tx/ 2Rx ports
- Operating temperature: -40 ~ 85 °C (-40 ~ 185°F)
- Support embedded automation PC UNO series & Panel PC TPC series product



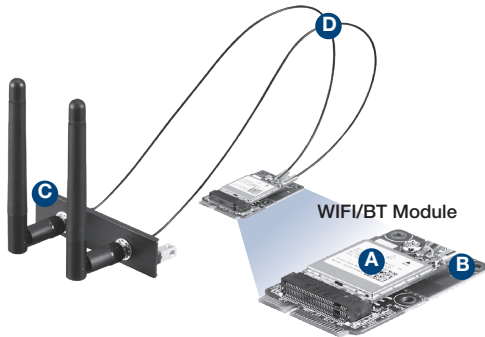
Introduction

The PCM-34S series are wireless communication modules based on Advantech iDoor technology. They provide reliable wireless connectivity between systems and devices and are widely used for data transmission in automation control and industrial applications. This is a flexible design that enables customers to customize their features with iDoor Technology.

Specifications

		PCM-24S2WF-CE	PCM-24S2WF-DE
Wi-Fi Module		Intel® AC9260	Intel® AX210
Networking Specifications	TX/RX Streams	2x2	2x2
	Bands	2.4G/ 5 GHz (160 MHz)	2.4G/ 5G/ 6 GHz (160MHz)
	Max Speed	1.73 Gbps	2.4 Gbps
	Wi-Fi Certified	Wi-Fi 5 (802.11ac)	Wi-Fi 6E (802.11ax)
	Bluetooth Version	5.1	5.3
General	Bus Type	M.2 / mPCIe	
	Host Interface	WiFi: PCI-E, BT: USB	
	Certification	CE, FCC	
	Dimensions	M.2 module: 30 x 22 x 2.48mm (1.18" x 0.87" x 0.09") Module with mPCIe adapter: 54.5 x 30 x 5.7mm (2.15" x 1.18" x 0.22") I/O Plate: 81 x 19.4 x 41 mm (3.19" x 0.76" x 1.61")	
	Power Consumption	Wi-Fi + BT 2.34W (Avg.)	Wi-Fi + BT 2.98W (Avg.)
	Dipole Antenna	2.4 G/ 5 GHz	2.4G/ 5G/ 6 GHz
	Coaxial Cable	SMA (F) to MHF4, 300 mm	SMA (F) to MHF4, 250 mm
Communications	Security	WPA, WPA2	WPA2, WPA3
Software	OS Support	Microsoft® Windows® 10/ 11/ Linux	
Environment	Operating Temperature	-40 ~ 85 °C (-40 ~ 185°F)	

Dimensions



Ordering Information

- **PCM-24S2WF-CE** WiFi 802.11 a/b/g/n/ac 2T2R w/BT5, Intel AC9260, Antenna
- **PCM-24S2WF-DE** Wi-Fi 6E noVpro AX210 w/BT5.3 wireless iDoor

WiFi/BT Module	
A M.2 module 	B Module on mPCIe adapter
C I/O Plate 	
D Cable Length 	