PCM-24S2WF

WiFi 802.11 ac/a/b/g/n 2T2R w/Bluetooth 4.1, M.2/Full-size mPCIe, Antennas

NEW



Features

- Meets Advantech iDoor technology standard
- M.2 2230 (A-E Key) module with mPCIe adapter
- IEEE 802.11 ac/a/b/g/n + Bluetooth 4.1
- 2 SMA, 2Tx/ 2Rx ports
- 64/128 bit WEP, 802.1x, TKIP and AES
- Operating temperature: -20 ~ 65 °C (-4 ~ 149°F)
- Support embedded automation PC UNO series & Panel PC TPC series product

Introduction

The PCM-24 series are communication modules from Advantech iDoor Technology. They are all compatible with PCI Express® Mini Card Specification Revision 1.2, including isolated / non-isolated RS-232/422/485 communication cards for automation control, Wi-Fi/3G/GPS/GSM/LTE wireless communication models for data exchange for management and machine level automation applications and PoE function for smart cameras in detection-inspection-production applications. This is a flexible design that enables customers to customize their features with iDoor Technology.

Specifications

General

- **Bus Type** M.2 / mPCIe
- **Host Interface** WiFi: PCI-E, BT: USB
- **Certification** CE, FCC
- **Dimensions** M.2 module: 30 x 22 x 2.2mm (1.18" x 0.87"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** 3.3V, 537mA (Avg.)
  (Wi-Fi continue, BT is off, BW 80MHz)
- **Antenna** WiFi 2.4 GHz and 5 GHz dipole antenna
- **Cable** WiFi Coaxial Cable, SMA (F) to MHF4, 300 mm

Communications

- **Data throughput** 300 Mbps (Max.)
- **Security** 64/128-bit WEP

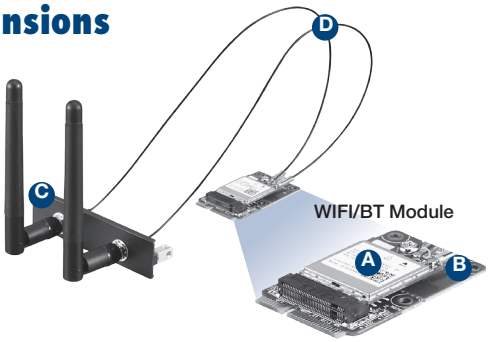
Software

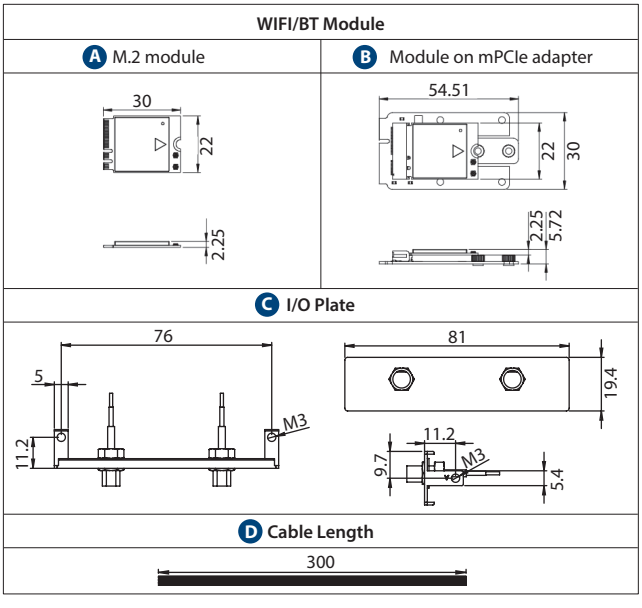
- **OS Support** Microsoft® Windows® 7/8.X/10

Environment

- **Operating Temperature** -20 ~ 65 °C (-4 ~ 149°F)
- **Storage Temperature** -40 ~ 105°C (-40 ~ 221°F)

Dimensions





Regulation

The PCM-24S2WF-BE adopts QCA6174A single chip solution and corresponds to its regulations of module QCNFA364A.

Ordering Information

- **PCM-24S2WF-BE** WiFi 802.11 ac/a/b/g/n 2T2R w/Bluetooth 4.1, M.2/Full-size mPCIe, Antennas

All product specifications are subject to change without notice.

Last updated: 27-Jun-2018