PCM-2452WF WiFi 802.11 a/b/g/n 2T2R w/ Bluetooth4.0, Half-size mPCle, 2-port SMA





Features

- Meets Advantech Standard iDoor Technology
- PCI Express® Mini Card Specification Revision 1.2 compliant
- IEEE 802.11 a/b/g/n + Bluetooth 4.0 HS standard
- 2 SMA, 2Tx/ 2Rx ports
- Up to 300 Mbps data throughput
- 64/128/152-bit WEP, 802.1x, TKIP and AES
- Operating temperature: 0 ~ 70°C (32 ~ 158°F)
- Supports 32/64-bit Windows XP/Vista/7/8/8.1
- Supports Embedded Automation PC UNO-2200/2300/2400 series
- Supports Control DIN-Rail PC UNO-1200/1300/1400 series
- Supports Control Cabinet PC UNO-3200/3300/3400 series
- Supports Control Panel Computers TPC-xx81/xx82 series
- Supports Thin Client Panel Computers TPC-xx51 series

Introduction

The PCM-24 series are categorized as communication modules from Advantech iDoor Technology. They are all compatible with the 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 during the management and machine level of automation application, Zigbee module as an IoT terminal or controller and PoE function for smart camera in detect inspection application of production. This is a flexible design that enables customers to customize their features which meet iDoor Technology.

Specifications

General

Bus Type PCI Express Mini Card Revision 1.2

Certification CE, FCC class A

Dimensions Module: 51 x 30 x 12.4 mm (2" x 1.18" x 0.49") I/O Plate: 81 x 19.4 x 41 mm (3.19" x 0.76" x 1.61")

 Power Consumption 3.3 V, 445 mW (Wi-Fi continue, Avg.)

WiFi 2.4 GHz and 5 GHz dipole antenna, 109 mm Antenna

Cable WiFi coaxial cable, 200 mm

Communications

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

Software

OS Support Microsoft® Windows® XP/Vista/7/8/8.1

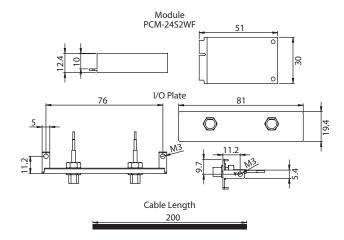
Environment

• **Humidity (Operating)** 5-95% RH, non-condensing • Operating Temperature $0 \sim 70^{\circ} \text{ C} (32 \sim 158^{\circ} \text{ F})$

Regulation

PCM-24S2WF-AE employs Atheros AR9462 as main chipset and corresponds to its regulatory.

Dimensions



Ordering Information

PCM-24S2WF-AE

PCM-24S200-AE

802.11 a/b/g/n 2T2R w/ Bluetooth4.0, Half-size mPCle Accessory kit for WiFi solution, antenna, cables,

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