PCM-2300TM

TPM compliant with TCG 1.2 via LPC

NEW

iD••r | RoHS COMPLIANT 2002/95/EC | CE FCC

Features

- Meets Advantech Standard iDoor Technology
- Trusted Platform Module Revision TCG 1.2 compliant
- Hardware-based data protection prevents encrypted data from illegal decrypting
- Connect to system via on-board LPC connector
- Supports 32/64-bit Microsoft® Windows® XP/7/8
- Supports Embedded Automation PC UNO-2400 series

Introduction

The PCM-23 series are storage modules from Advantech iDoor Technology. They are compatible with the PCI ExpressR Mini Card Specification Revision 1.2. including MRAM for automation machine memory back up which will no need battery, SATA to CFast on ThinClient terminal with storage for shorter maintenance and shorter MTB repair, Locked USB Dongle for Software protection in SCADA system, and TPM on Quality system management. This is a flexible design that enables customers to customize their features which meet iDoor Technology.

Specifications

General

- **Certification** CE, FCC class A
- **Connector** Low Pin Count connector (14 pin)
- **Dimensions** 81 x 19.4 x 41 mm (3.19" x 0.76" x 1.61")

Power Requirements

- **Input Voltage** 3.3 V_{DC}
- **Power Consumption** Typical 3.3V @ 5 mA

Communication

- **Protocol** Trusted Platform Module TCG 1.2
- **Connection** 20 cm wired cable to on-board LPC connector
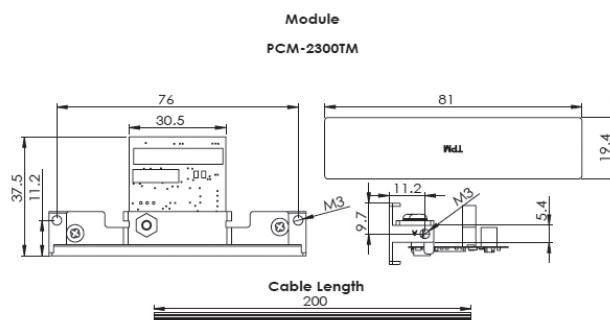
Software

- **OS Support** Microsoft® Windows® XP Professional Edition
  Microsoft® Windows® 7 Ultimate
  Microsoft® Windows® 8

Environment

- **Humidity (Operating)** 40° C @ 85% RH, non-condensing
- **Operating Temperature** 0 ~ 60°C (32 ~ 140°F)
- **Storage Temperature** - 40 ~ 85°C (- 40 ~ 185°F)

Dimensions

Module

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Ordering Information

- **PCM-2300TM-AE** TPM compliant with TCG 1.2 via LPC

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