**PCIe Card Supports
2-port CAN Bus with Isolation Protection, RoHS**

IPCIE-CAN-2D
Quick Installation Guide
Version 1.0

October 23, 2023

Package Contents

IPCIE-CAN-2D package includes the following items:

- 1 x IPCIE-CAN-2D PCIe card
- 1 x I/O shielding
- 1 x QIG (Quick Installation Guide)

Features:

- PCIe card supports two independent CAN ports
- Up to 1 Mbps transmission speed
- Support 16 MHz CAN controller frequency
- Two CAN Bus (DB-9) port with isolation

Specifications:

- **Form Factor**:
  PCIe x1 (Gen3)
- **Input Signal**:
  PCIe Gen3 x1
- **PCIe to CAN**:
  PCIe to 2 CAN bus IC
- **CAN Transceiver**:
  CAN transceiver IC
- **Protocol**:
  CAN 2.0 A/B
- **I/O**:
  2 x CAN 2.0B port with isolation (DB-9)
- **Operating Temperature**:
  0°C ~ 60°C
- **Storage Temperature**:
  -30°C ~ 70°C
- **Operating Humidity**:
  5% ~ 95%, non-condensing
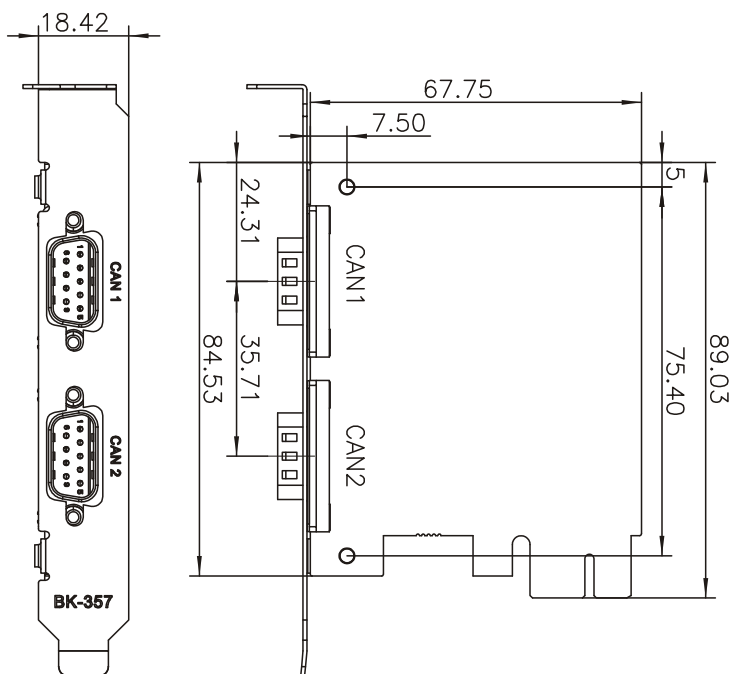- **Dimensions**: full height
- **Safety**: CE/FCC compliant

Ordering Information

- **IPCIE-CAN-2D-R10**: PCIe card supports 2-port CAN bus with isolation protection, RoHS

Connector Pinouts

CAN1, CAN2 : CAN Bus Connectors (DB-9)			
PIN NO.	DESCRIPTION	PIN NO.	DESCRIPTION
1	NC	6	GND
2	CAN_L	7	CAN_H
3	GND	8	NC
4	NC	9	+V5S_DIO1 (NC)
5	NC		

Board Layout and Connector Locations

(Unit: mm)