ADVANTECH

PCM-23U1DG-CE
USB Slot /w Lock for USB Dongle
Startup Manual

Packing List
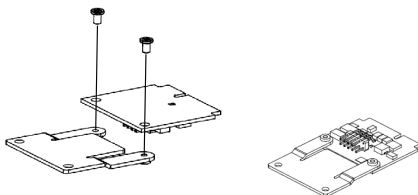
Before installation, please make sure that you have:

• 1 x USB dongle I/O Plate with wired cable
• 1 x Startup manual
• 1 x Warranty card
• 1 x USB dongle half-size mPCIe (PCM-23U1DG-CE)
• 1 x Full/Half-size mPCIe adapter kit (PCM-23U1DG-CE)

If any of the above items are missing or damaged, please contact your distributor or sales representative immediately.
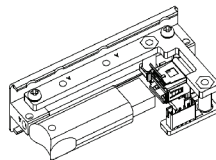
Installation

Please follow the steps as below.

1. Assemble half-size mini-PCIe card and bracket with screws.

For more information on this and other Advantech products, please visit our website at:

https://www.advantech.com/

For technical support and service:

https://support.advantech.com/support/new_de-fault.aspx

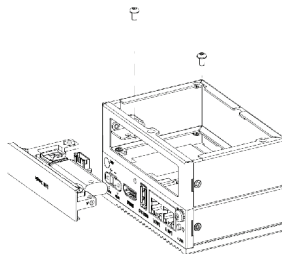This startup manual is for PCM-23U1DG-CE.

Installation (Cont.)

2. Install USB device into PCM Module.

3. Insert the PCM Module through the blanking plate hole and secure the screws. Attach the PCM Module to the mini-PCIe card with the cable.

Documentation/Software Support Guide

The support documentation and drivers can be accessed from Advantech website.

• Documentation
  - Datasheet
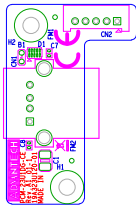
PIN Assignment

The following tables and figures show the pin assignments of the connector on the I/O module.

Description of PIN Use - On I/O Plate			
CN1, USB w/locked		CN2, Internal cable for USB	
PIN1	+5V	PIN1	+5V
PIN1	D-	PIN1	D-
PIN3	D+	PIN3	D+
PIN4	GND	PIN4	GND
		PIN5	GND_IO

PIN Assignment (Cont.)

Description of PIN Use - On mPCIe Card			
CN1, Internal Cable for USB			
PIN1	+5V	PIN2	+5V
PIN3	NC	PIN1	USB-
PIN5	NC	PIN3	USB+
PIN7	GND	PIN4	GND
PIN9	NC		