



### Main Features

- Supports four external USB 2.0
- MiniPCle full size to USB board
- Compliant with PCI Express Mini specification 1.2
- USB 2.0 provides up to 480Mbps of transferring rate
- Backward compatible with USB 1.0/1.1 devices
- Support gang mode of power management and over-current detection for downstream ports
- Industrial design, manufactured in Cadmus Taiwan

### Product Overview

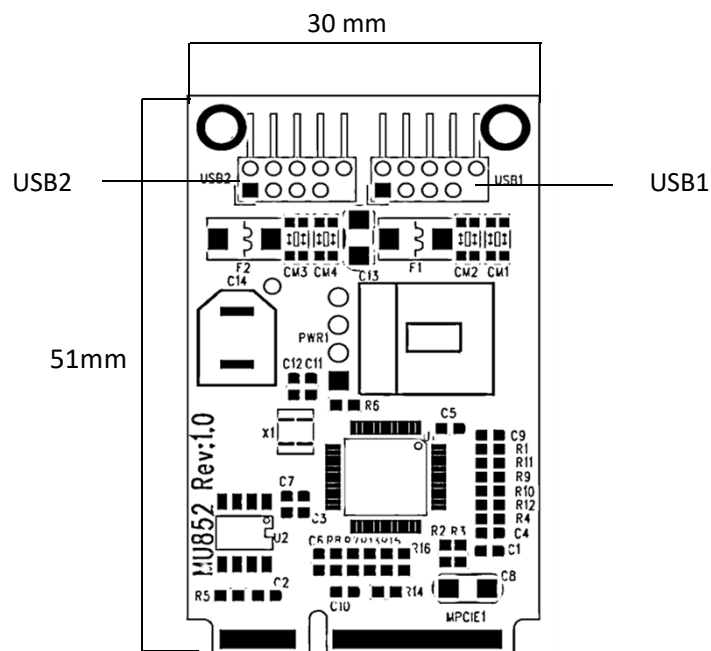
Cadmus's MU852 is a Mini-PCie form factor expansion adapter that adds power and USB 2.0 host expansion capabilities to any standard Mini-PCie socket that supports USB2.0 quad port and routes these USB signals out to a convenient connector along with providing 5V for connecting to USB peripheral devices.

The MU852 module is compatible with all types of USB devices, including hard drives (HDDs), Solid State Drives (SSD), and optical drives (CD/DVD/BD). Ideal for USB expansion in embedded and OEM applications.

### Specifications

Module Name	MU852
Module Type	mPCle to quad USB 2.0 Module
Form Factor	Mini PCle full size
Input interface	USB2.0 bus
Output Interface	USB2.0
Output Connector	Two 2*5 pin header
Power input	On board 3.3V One 1*4 pin floppy power pin header (5V)
Dimensions	51 x 30(mm)
Transfer speed	Low-speed (1.5Mbps) Full-speed (12Mbps) High-speed (480Mbps)
Compatible Operating System	Windows 7
	Windows 8.1
	Windows 10
	Windows Server 2003
	Windows Server 2008
Working Temperature	0°C-85°C

## Dimension



## Ordering Information

## Front view

### MU852

- MiniPCIe to USB Hub
- Two 5 pin header USB2.0 connector (USB1&2)
- AT small 4P power connector

## Pin definition

### 2x5 pin Define Setup (USB1, USB2)

<b>P1</b>	5V	<b>P2</b>	5V
<b>P3</b>	UDATA-	<b>P4</b>	UDATA-
<b>P5</b>	UDATA+	<b>P6</b>	UDATA+
<b>P7</b>	GND	<b>P8</b>	GND
<b>P9</b>	KEY	<b>P10</b>	GND