

MIC-75M10

PCIE Expansion Module for MIC-7 Series Embedded System Startup Manual

Packing List

Before you begin installing your card, please make sure that the following items have been shipped:

- | | |
|---------------------------------|--|
| 1. MIC-75M10 i-Module x1 | P/N: MIC-75M10-00A1/
MIC-75M10-00A2 |
| 2. MIC-75M10 Startup Manual x1 | P/N: 20415M1000 |
| 3. Mounting bracket (I-type) x1 | P/N: 1960070543T00A |
| 4. Mounting bracket (C-Type) x1 | P/N: 1960070545N006 |

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

Note: Acrobat Reader is required to view any PDF file. Acrobat Reader can be downloaded at: get.adobe.com/reader (Acrobat is a trademark of Adobe)

Specifications

PCle Slots

- One PCIe x16 socket

Note 1: PCIe x16 power consumes 75W.

Environment

- **Operating Temperature:** -20 ~ 60° C with 0.7 m/sec air flow
- **Storage Temperature:** - 40 ~ 85° C (-40 ~185° F)
- **Relative Humidity:** 95% @ 40° C (non-condensing)

Mechanical

- **i-Module Dimensions (H x W x D):** 24 x 192 x 230 mm

- **With MIC-7 series (H x W x D):** 97 x 192 x 230 mm

Note: Width will be increased by 4mm with MIC-77xx.

Jumpers and Connectors

The table below lists the functions of each of the connectors.



Connectors

No.	Item	Function
1	PPCIE1	PCIEx16 Socket
2	DC12VOUT1	4 Pin Power Connector (12V)
3	SYSFAN1	4 Pin FAN connector

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

<http://www.advantech.com>

<http://www.advantech.com/eplatform>

For technical support and service, please visit our support website at:

<http://support.advantech.com.tw/support/default.aspx>

This manual is for the MIC-75M10 Rev. A1.

Part No. 20415M1000

Printed in China

1st Edition

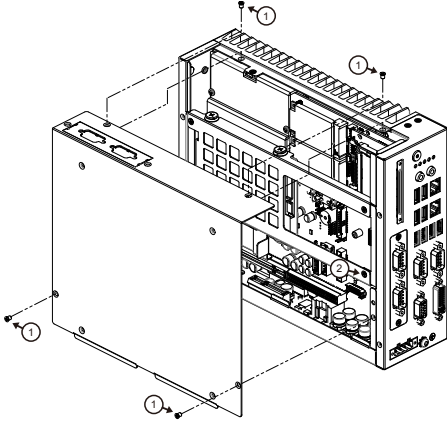
April 2022

Simple Maintenance Process

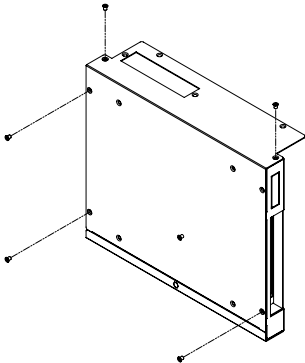
System Installation

MIC-7 series i-module can be assembled with all MIC-7 series IPC systems.

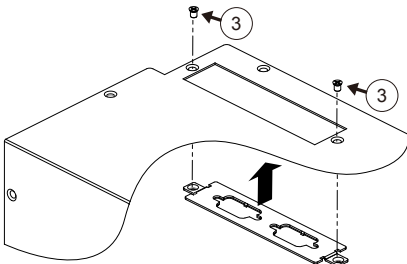
1. Undo MIC-7 series system screws and remove the bottom cover.



2. Undo the 6 x screws of MIC-75M10.

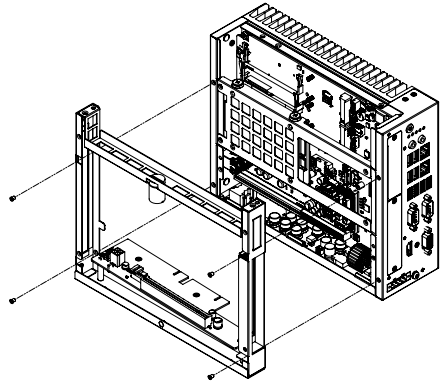


3. Remove i-door cover on system bottom and assemble and secure cover into i-module's bottom cover.



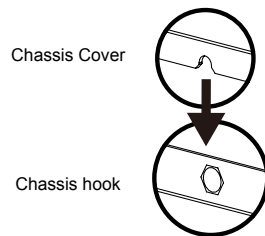
Simple Maintenance Process (Cont.)

4. Align MIC-75M10 and MIC-7 and secure 4 x screws.

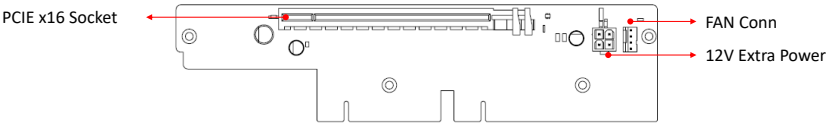


5. Reassemble the cover and secure with screws.

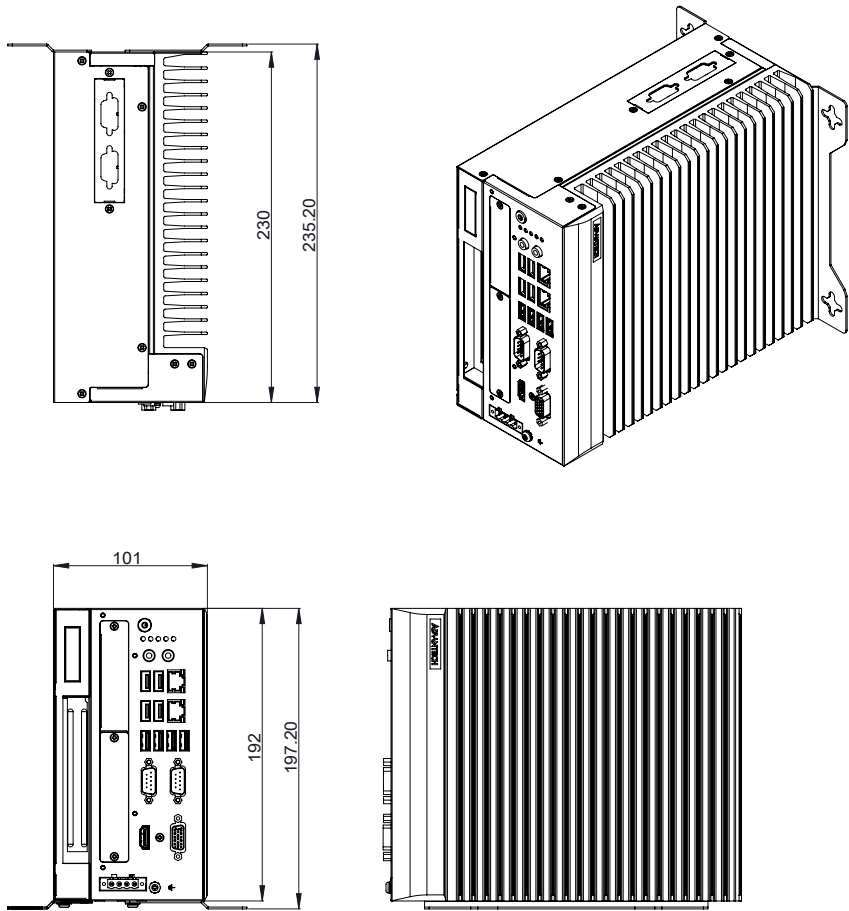
Note: The chassis cover has a special notch which must mate with the hook on the chassis.



IO Connectors



System Dimensions



MIC-75M10

适用于 MIC-7 系列嵌入式系统的 PCIE 扩展模块 快速入门手册

包装清单

安装系统之前，用户需确认包装中含有下面所列各项：

1. MIC-75M10 i-Module x 1 P/N: MIC-75M10-00A1/
MIC-75M10-00A2
2. MIC-75M10 快速入门手册 x 1 P/N: P/N:20415M1000
3. 安装支架 (I-type) x1 P/N: 1960070543T00A
4. 安装支架 (C-type) x1 P/N: 1960070545N006

如果其中任何一项缺失或损坏，请立即与经销商或销售代表联系。

注： 阅读PDF文件需要使用Acrobat Reader。用户可从以下路径下载Acrobat Reader: get.adobe.com/reader (Acrobat is a trademark of Adobe)

产品规格

PCIe插槽

- 1 个 PCIe x16 插槽

注 1: PCIe x16 功耗为 75 W。

环境规格

- 工作温度: -20 ~ 60° C, 0.7 m/sec 气流
- 储存温度: -40 ~ 85° C (-40 ~ 185° F)
- 相对湿度: 95% @ 40° C (非凝结)

物理规格

- 模块尺寸 (H x W x D): 24 x 192 x 230 mm
 - 加上 MIC-7 系列后的尺寸 (H x W x D): 97 x 192 x 230 mm
- 注: MIC-77xx 的宽度增大 4mm。

跳线和接口

下表为每个跳线和接口的功能列表。



接口

编号	标签	功能
1	PPCIE1	PCIEx16 插槽
2	DC12VOUT1	4 针电源接口 (12V)
3	SYSFAN1	4 针 FAN 接口

如需了解有关产品及研华其它产品的详细信息，请访问研华网站：

<http://www.advantech.com.cn>

<http://www.advantech.com.cn/eplatform>

如需技术支持与服务，请访问研华网站：

<http://support.advantech.com.cn/support/default.aspx>

本手册适用于 MIC-75M10 系列 Rev. A1。

料号: 20415M1000

中国印刷

第一版

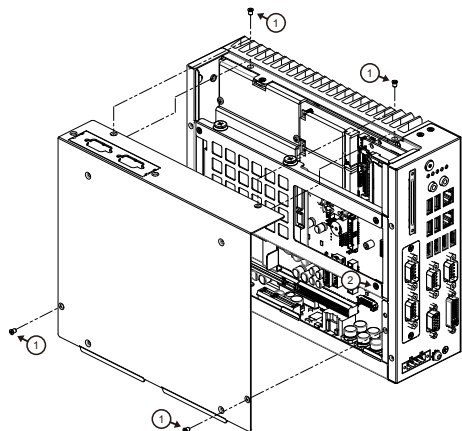
2022年4月

简单安装步骤

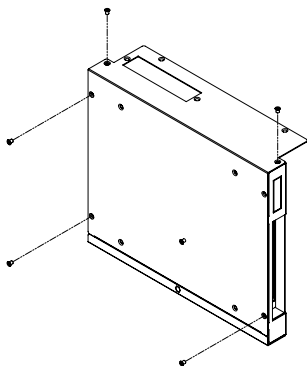
系统安装

MIC-7 系列 i 模块可安装于全系 MIC-7 IPC 系统。

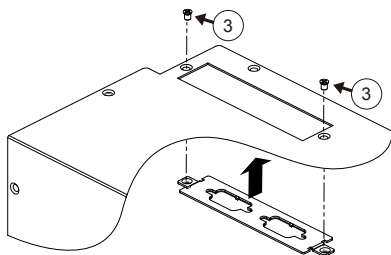
1. 卸下 MIC-7 系统的螺丝并移除底盖。



2. 卸下 MIC-75M10 的 6 颗螺丝。

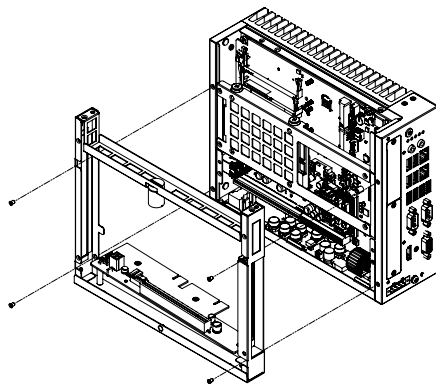


3. 移除 i-door 盖，并安装在 MIC-75M10 系统侧盖上。



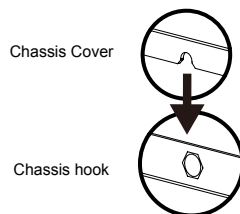
简单安装步骤（续）

4. 将 MIC-75M10 安装至 MIC-7 系统，并用 4 颗螺丝固定。



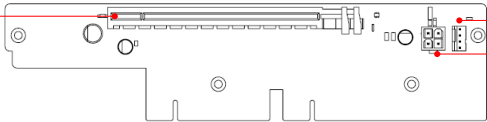
5. 放回底盖并用螺丝固定。

注：机箱盖上设计了一个凹口，安装时必须扣住机箱上的挂钩。



I/O 接口

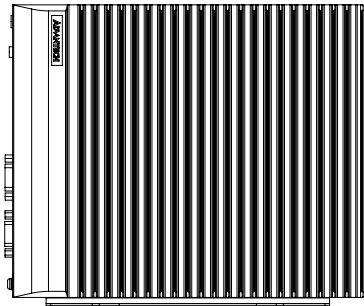
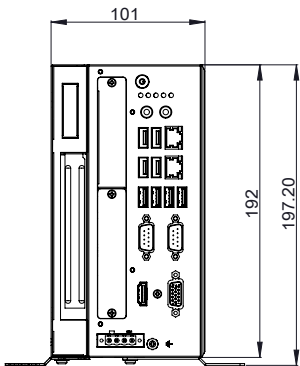
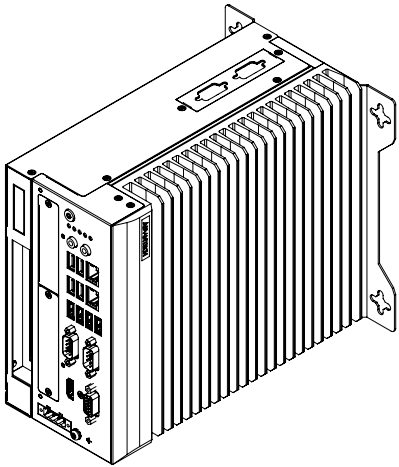
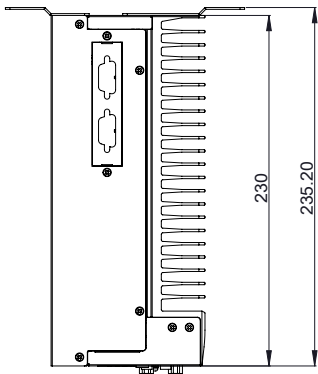
PCIe x16 Socket



FAN Conn

12V Extra Power

系统尺寸



MIC-75M10

適用於 MIC-7 系列嵌入式系統的 PCIE 擴充模組 快速入門手冊

包裝清單

安裝系統之前，用戶需確認包裝含有下面所列各項：

1. MIC-75M10 i-Module x 1 P/N: MIC-75M10-00A1/
MIC-75M10-00A2
2. MIC-75M10 快速入門手冊 x 1 P/N: P/N:20415M1000
3. 安裝支架 (I-type) x1 P/N: 1960070543T00A
4. 安裝支架 (C-type) x1 P/N: 1960070545N006

如果其中任何一項有缺失或損壞，請立即與經銷商或與銷售業務聯繫。

註：閱讀PDF文件需要使用Acrobat Reader。用戶可以從以下路徑下載Acrobat Reader: get.adobe.com/reader (Acrobat is a trademark of Adobe)

產品規格

PCIE插槽

- 1 組 PCIEx16 插槽

註 1: PCIEx16功耗為 75 W。

環境規格

- 工作溫度: -20 ~ 60° C, 0.7 m/sec 氣流
- 儲存溫度: -40 ~ 85° C (-40 ~ 185° F)
- 相對溼度: 95% @ 40° C (非凝結)

物理規格

- 模塊尺寸 (H x W x D): 24 x 192 x 230 mm
 - 加上 MIC-7 系列後的尺寸 (H x W x D): 97 x 192 x 230 mm
- 註: MIC-77xx 的寬度增大 4mm。

跳線與接口

下圖為每個跳線和接口的功能列表。



接口		
編號	項目	功能
1	PPCIE1	PCIEx16 插槽
2	DC12VOUT1	4 針電源接口 (12V)
3	SYSFAN1	4 針 FAN 接口

如需了解有關本產品及研華其他產品的詳細訊息，請訪問研華網站：

<http://www.advantech.com.tw>

<http://www.advantech.com.tw/eplatform>

如需技術支援與服務，請訪問研華網站：

<http://support.advantech.com.tw/support/default.aspx>

本手冊適用於 MIC-75M10 系列 Rev. A1

料號: 20415M1000
中國印刷

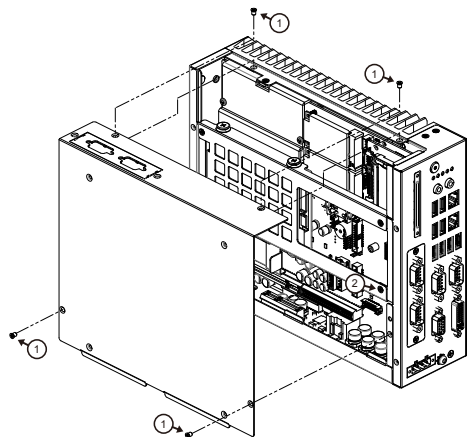
第一版
2022年4月

簡單安裝步驟

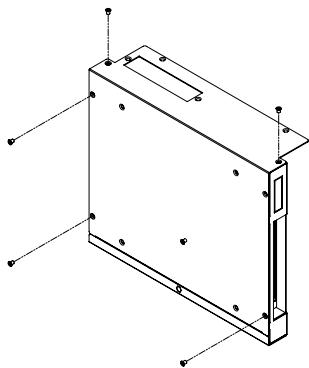
系統安裝

MIC-7 系列模組可安裝於全系 MIC-7 IPC系統。

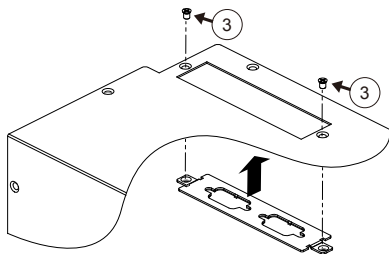
1. 卸下 MIC-7 系統的螺絲並移除底蓋。



2. 卸下 MIC-75M10 的 6 顆螺絲。

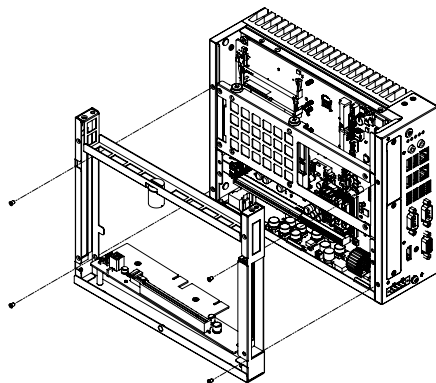


3. 移除 i-door 蓋子，並裝在 MIC-75M40 系統側蓋上。



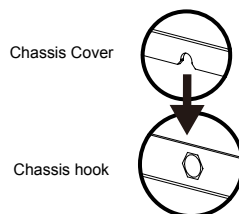
簡單安裝步驟 (續)

4. 將 MIC-75M10 安裝至MIC-7 系統，並用 4 顆螺絲固定。



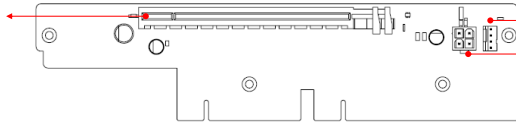
5. 放回底蓋並用螺絲固定。

註： 機箱蓋上設計了一個凹口，安裝時必須扣住機箱上的掛鉤。



I/O 接口

PCIE x16 Socket



FAN Conn

12V Extra Power

系統尺寸

