

UNO-2484V3 Intel® Core™ Ultra (Arrow Lake U) Processor Modular Box PC Startup Manual

Packing List

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

1. UNO-2484V3
2. 1 x plug-in block for power wiring.
3. Startup Manual
4. Thermal pad for M.2 M key module (1pcs* 1990042505N000) & RAM (1pcs *1990042331N000)

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

Declaration of Conformity

CE

This product has passed the CE test for environmental specifications when shielded cables are used for external wiring. We recommend the use of shielded cables. This type of cable is available from Advantech. Please contact your local supplier for ordering information.

Test conditions for passing also include the equipment being operated within an industrial enclosure. In order to protect the product from damage caused by electrostatic discharge (ESD) and EMI leakage, we strongly recommend the use of CEcompliant industrial enclosure products.

FCC Class A

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference. In this event, users are required to correct the interference at their own expense.

Specifications

Processor System

- Intel® Core™ Ultra 5 Processor 225U
- Intel® Core™ Ultra 7 Processor 255U

Memory

- 2 x Optional DDR5 5600 MHz, per channel support up to 32GB

Graphics

- Intel® Iris® Xe Graphics

Ethernet

- **LAN A:** Intel® i219-LM 1Gb/s, IEEE 802.3, 802.1as/1588
- **LAN B-D:** Intel® i226-LM 2.5Gb/s, IEEE 802.3, 802.1as/1588

Expansion/Storage

- 1 x M.2 B key (3042/3052) (PCIEx1/USB 3.2/USB2.0)
- 1 x M.2 E key (2230) (PCIEx2/USB2.0)
- 2 x M.2 M key (2280) (PCIEx4)
- *2nd stack: 2 x 2.5" SSD (via UNO-2484V3-ES2A)

I/O

- **Display:**
 - 1 x HDMI 1.4 (1920x1080@60Hz),
 - 1 x DP1.4 (3840x2160 @60Hz)

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

<http://www.advantech.com>



For technical support and service, please visit our support website for UNO-2484V3 at:



Part No. 204184V300

1st Edition
December 2025

Specifications (Cont.)

- **USB:** 3 x USB 3.2 Gen2, 1 x USB2.0
- **USB Type-C:** 2 x USB Type C (1.5A), supports DP 1.4a & DP ALT mode
- **Serial:** 4 x RS 232/422/485, 50kbps – 115.2 kbps speed
- **Power Connector:** 1 x 2 pins, terminal block

Power Requirement

- **Power Requirement:** 10 ~ 36 V_{DC}
- **Power Consumption:** 31W (Typical), 97W (Max), 109W (with 2nd stack)

Certification

- CE, FCC, UL, CCC, BSMI

Environment

- **Operating Temperature:** -20 ~ 60°C (-4 ~ 140°F) with 0.7 m/s airflow
- **Storage Temperature:** -40 ~ 85°C (-40 ~ 185°F)
- **Relative Humidity:**
 - Operating 95% RH @40°C, non-condensing
 - Non-Operating, 95% RH @ 60°C, condensing
- **Shock Protection:** Operating, IEC 60068-2-27, 50G, half sine, 11 ms
- **Vibration Protection:** Operating, IEC 60068-2-64, 3 Grms, random, 5 ~ 500 Hz, 1hr/axis
- **Ingress Protection:** IP20

Physical Characteristics

- **Dimensions:**
 - 200 X 140 X 55 (7.8" x 5.6" x 2.1") for single stack
 - 200 x 140 x 90 (7.8" x 5.6" x 3.5") for base unit with second stack
- **Weight:** 1.97kg (4.34 lbs)

Introduction

The UNO-2484V3 is an embedded hardware-ready platform capable of shortening development time. The system offers a wide range of networking interfaces to satisfy the various needs of different applications. Equipped with Intel Core Ultra (Arrow Lake U) 5 & 7 Processor, and optional DDR5 RAM slot. It supports wide temperature range operation (-20 ~ 60° C/-4 ~ 140° F) and sufficient I/O - including 1 x GbE, 3 x 2.5 GbE, 1x M.2 B key, 1x M.2 E key, 2x M.2 M key, 1x HDMI, 1x DP, 1x USB2.0, 3x USB 3.2, 2x USB TypeC and 4x COM. It also supports 3 different kinds of 2nd stack extension kit, supporting 2 x idoor modules, 1 x idoor + 1 x HDD and 2 x HDD.

Safety Precautions - Static Electricity

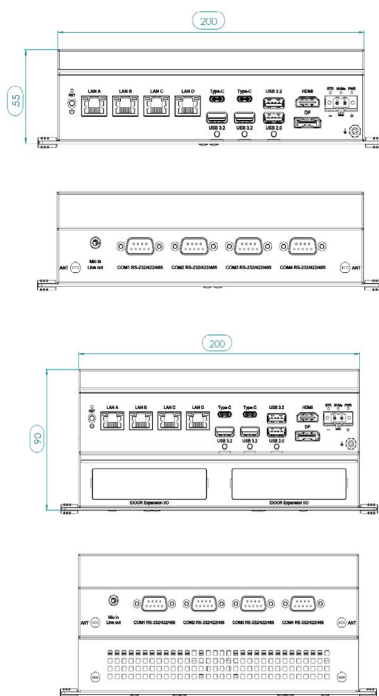
Follow these simple precautions to protect yourself from harm and the products from damage.

- To avoid electrical shock, always disconnect the power from the PC chassis before manual handling. Do not touch any components on the CPU card or other cards while the PC is powered on.
- Disconnect the power before making any configuration changes. A sudden rush of power after connecting a jumper or installing a card may damage sensitive electronic components.

Technical Support and Assistance

1. Visit the Advantech website at www.advantech.com/ support to obtain the latest product information.
2. Contact your distributor, sales representative, or Advantech's customer service center for technical support if you need additional assistance. Please have the following information ready before calling:
 - Product name and serial number
 - Description of your peripheral attachments
 - Description of your software (operating system, version, application software, etc.)
 - A complete description of the problem
 - The exact wording of any error messages

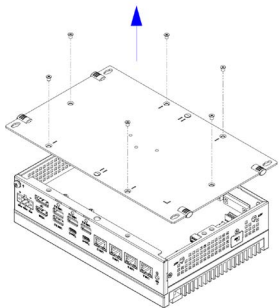
System I/O Interface



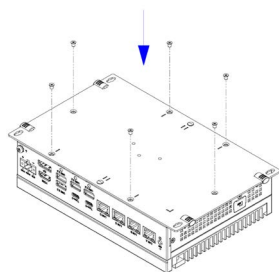
Simple Maintenance Process

Remove & Recover BTM Cover

1. Unscrew (1930008390*6).
2. Remove BTM cover(1960105540T011*1).

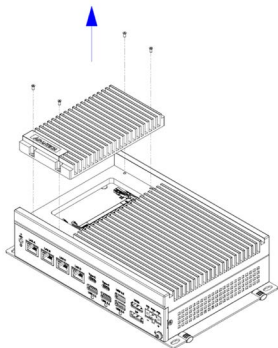


3. Install BTM cover(1960105540T011*1).
4. Lock screw (1930008390*6).



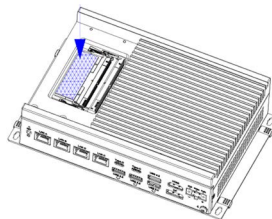
Install DDR + Thermal Pad

1. Unscrew (1930009298*4).
2. Remove DDR Door(1960119358T001).

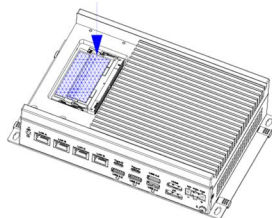


Simple Maintenance Process (Cont.)

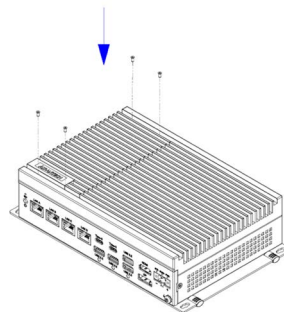
3. Install DDR 1 & Paste Thermal pad (1990042331N000).



4. Install DDR 2 & Paste Thermal pad (1990042331N000).

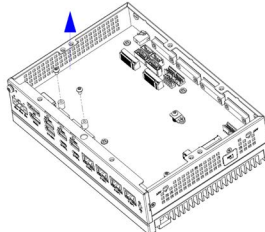


5. Recover DDR DOOR(1960119358T001).
6. Lock screw (1930009298*4).



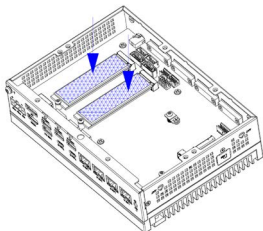
Install M Key for 2280

1. Unscrew (19350304A0)

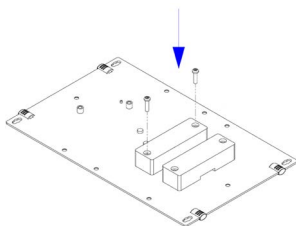


Simple Maintenance Process (Cont.)

2. Insert 2280 Card & Paste Thermal pad (1990042505N000).
3. Lock screw (19350304A0).

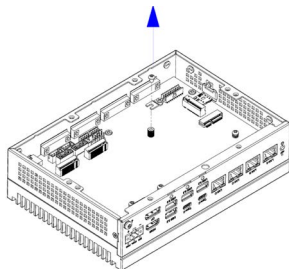


4. Install AL Block for 2280 (1960119414N000) on the BTM cover.
5. Lock screw (1930007680-01).

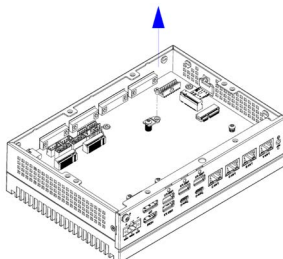


Install B key for 2242/3052

- 1-1. If your module is 3052, unscrew (19350304A0) ;

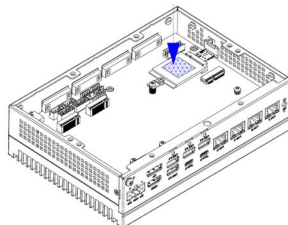


- 1-2. If your module is 2242, unscrew (1930008738).

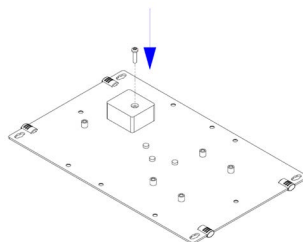


Simple Maintenance Process (Cont.)

2. Insert 2242/3052 Card & Paste Thermal pad (1990042507N000).
3. Lock screw (1930008738).

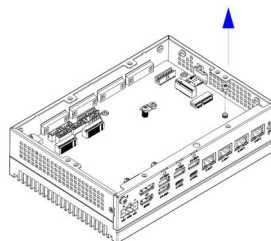


4. Install AL Block for 2242/3052 (1960119412N000) on the BTM cover.
5. Lock screw (1930007680-01).

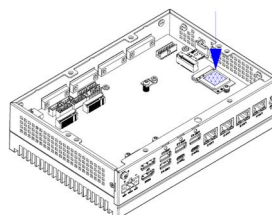


Install E Key for 2230

1. Unscrew (19350304A0).

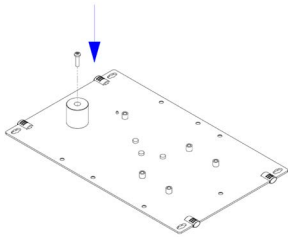


2. Insert 2230 Card & Paste Thermal pad (1990042506N000).
3. Lock screw (19350304A0).



Simple Maintenance Process (Cont.)

4. Install AL Block for 2230 (1960119413N000) on the BTM cover.
5. Lock screw (1930007680-01).



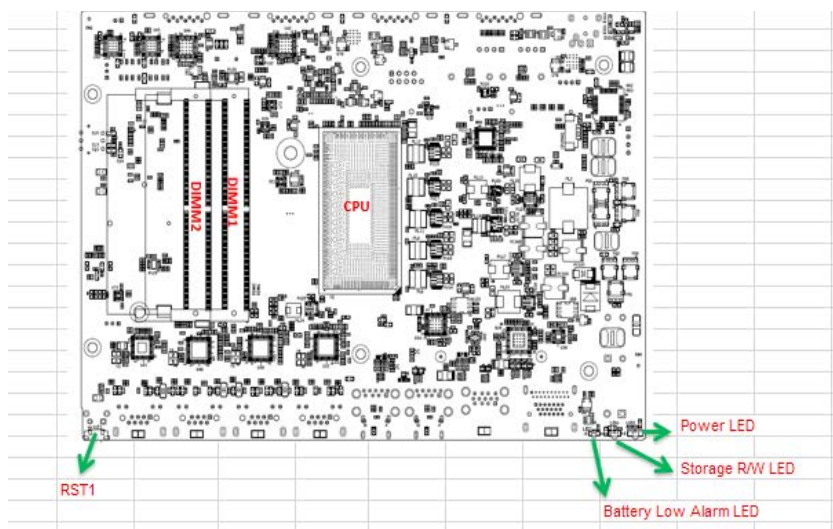
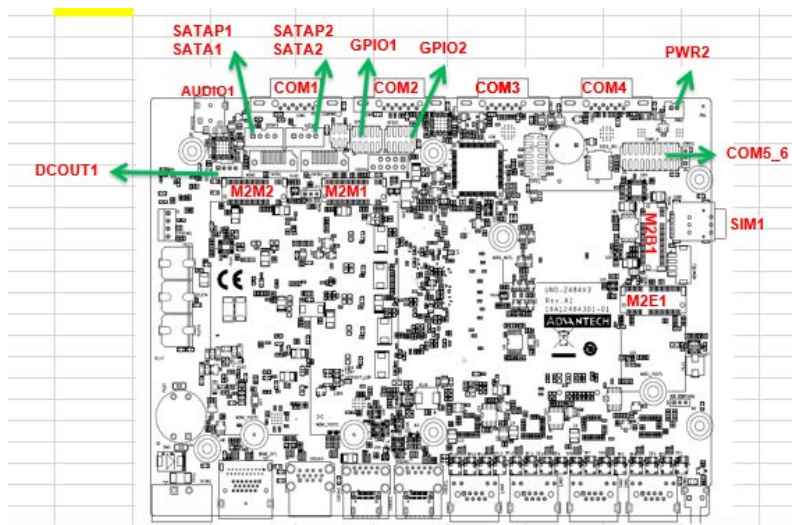
Safety Instructions

1. Read these safety instructions carefully.
2. Retain this user manual for future reference.
3. Disconnect the equipment from all power outlets before cleaning. Use only a damp cloth for cleaning. Do not use liquid or spray detergents.
4. For pluggable equipment, the power outlet socket must be located near the equipment and easily accessible.
5. Protect the equipment from humidity.
6. Place the equipment on a reliable surface during installation. Dropping or letting the equipment fall may cause damage.
7. The openings on the enclosure are for air convection. Protect the equipment from overheating. Do not cover the openings.
8. Ensure that the voltage of the power source is correct before connecting the equipment to a power outlet.
9. Position the power cord away from high-traffic areas. Do not place anything over the power cord.
10. All cautions and warnings on the equipment should be noted.
11. If the equipment is not used for a long time, disconnect it from the power source to avoid damage from transient overvoltage.
12. Never pour liquid into an opening. This may cause fire or electrical shock.
13. Never open the equipment. For safety reasons, the equipment should be opened only by qualified service personnel.
14. If any of the following occurs, have the equipment checked by service personnel:
 - The power cord or plug is damaged.
 - Liquid has penetrated the equipment.
 - The equipment has been exposed to moisture.
 - The equipment is malfunctioning, or does not operate according to the user manual.
 - The equipment has been dropped and damaged.
 - The equipment shows obvious signs of breakage.
15. Do not leave the equipment in an environment with a storage temperature of below -40°C (-40°F) or above 85°C (185°F) as this may damage the components. The equipment should be kept in a controlled environ-

Safety Instructions (Cont.)

- ment.
16. CAUTION: Batteries are at risk of exploding if incorrectly replaced. Replace only with the same or equivalent type as recommended by the manufacturer. Discard used batteries according to the manufacturer's instructions.
 17. In accordance with IEC 704-1:1982 specifications, the sound pressure level at the operator's position does not exceed 70 dB (A).
 18. Ensure that the voltage of the power source is correct before connecting the equipment to a power outlet. The power outlet socket should have a grounded connection.
 19. For use in pollution free environments and indoor use.
 20. This equipment is not suitable for use in locations where children are likely to be present.
 21. If the equipment is used in a manner not specified by the Advantech, the protection provided by the equipment may be impaired.
 22. The equipment contains no user-serviceable parts. Do not open. Return to manufacturer for servicing.
 23. Do not block air ventilation holes.
 24. This is open type equipment and should be installed in a suitable enclosure.
 25. Restricted Access Area: The equipment should only be installed in a Restricted Access Area.
 26. This product is intended to be supplied by an UL certified power supply or dc source with SELV output, rated 10 Vdc, 7.7A minimum and Tma 40 degree. If you need further assistance, please contact Advantech for further information.
 27. This product is intended to be supplied by an UL Listed power supply suitable for use at Tma 60°C min. whose output meets ES1 (or SELV) is rated: (1) 10-36Vdc, 7.65A-2.12A min. (DC IN), if need further assistance, please contact Advantech for further information.
 28. DISCLAIMER: These instructions are provided according to IEC 704-1 standards.
 29. Advantech disclaims all responsibility for the accuracy of any statements contained.

Motherboard I/O Connectors



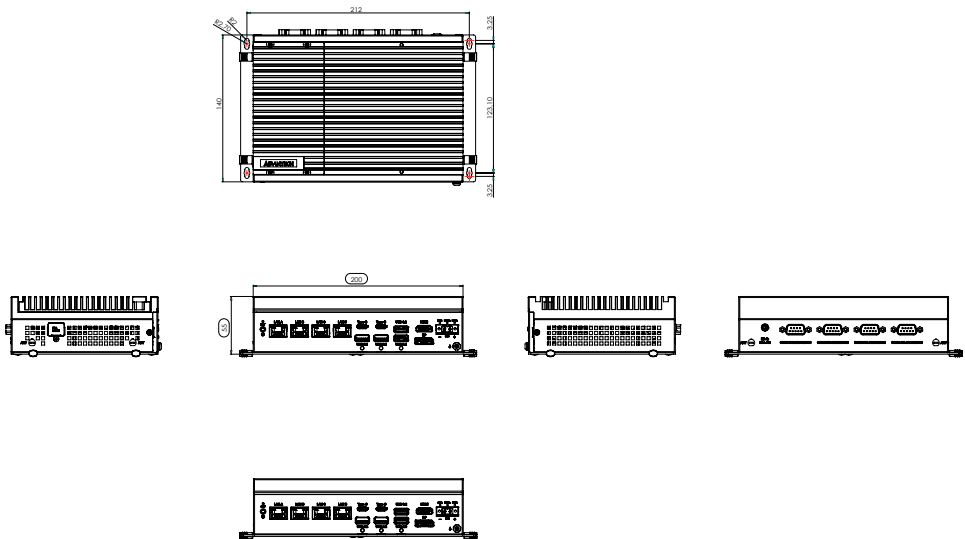
Attention

Surface chaude, ne pas toucher pour le dissipateur thermique supérieur.

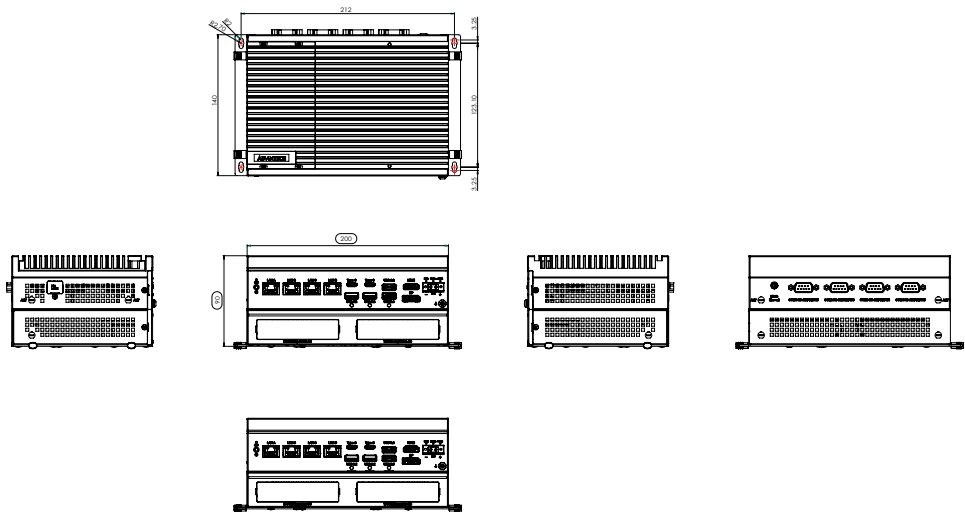


System Dimensions

UNO-2484V3 Dimensions



UNO-2484V3 Dimensions (with Optional Extension Kit)



UNO-2484V3 搭载 Intel® Core™ Ultra (Arrow Lake U) 处理器模块化工业计算机 快速入门手册

包装清单

安装系统之前，使用者需确认包装中含有下面所列各项：

1. UNO-2484V3
2. 1 x 凤凰接头，用于电源线
3. 快速入门手册
4. 散热垫：M.2 M Key (1pcs* 1990042505N000) & RAM (1pcs *1990042331N000)

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。

产品规格

处理器系统

- Intel® Core™ Ultra 5 处理器 225U
- Intel® Core™ Ultra 7 处理器 255U

内存

- 2 x 选配 DDR5 5600 MHz，每通道高达 32 GB

显示

- Intel® Iris® Xe Graphics

以太网口

- LAN A: Intel® i219-LM 1Gb/s, IEEE 802.3, 802.1as/1588
- LAN B-D: Intel® i226-LM 2.5Gb/s, IEEE 802.3, 802.1as/1588

如需更多有关这款产品及其它研华产品的信息，请访问研华网站：

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



如需技术支持和服务，请访问研华支持网站的 UNO-2484V3 页面：



本手册适用于 UNO-2484V3。

料号：204184V300

第一版
2025 年 12 月

产品规格（续）

扩展/存储

- 1 x M.2 B Key (2242/3052) (PCIe x1/USB 3.2/USB2.0)
- 1 x M.2 E Key (2230) (PCIe x2/USB2.0)
- 2 x M.2 M Key (2280) (PCIe x4)
- 第二层：2 x 2.5 寸 SSD (通过 UNO-2484V3-ES2A 连接)

I/O

- 显示：
 - 1 x HDMI 1.4 (1920x1080@60Hz)，
 - 1 x DP1.4 (3840x2160 @60Hz)
- USB: 3 x USB 3.2 Gen2, 1 x USB2.0
- USB Type-C: 2 x USB Type C (1.5A)，支持 DP 1.4a & DP ALT 模式
- 序列接口：4 x RS-232/422/485，传输速率 50kbps - 115.2 kbps
- 电源接口：1 x 2 针端子排

电源要求

- 电源功耗：31W（一般），97W（最大），109W（含第二层）

环境规格

- 工作温度：-20 ~ 60° C (-4 ~ 140° F)，气流速度 0.7 m/s
- 储存温度：-40 ~ 85° C (-40 ~ 185° F)
- 相对湿度：
 - 运行时，95% RH @ 40° C（非凝结）
 - 非运行时，95% RH @ 60° C（可凝结）
- 抗震保护：工作时，IEC 60068-2-27 标准，50G 加速度，半正弦波，11 ms 持续时间。
- 防振保护：工作时，IEC 60068-2-64 标准，3 Grms 随机振动，5 ~ 500 Hz，1 小时/轴
- 侵入保护：IP20

物理规格

- 尺寸（W x D x H）：
 - 单层堆叠：200 x 140 x 55 mm (7.8" x 5.6" x 2.1")
 - 双层堆叠：200 x 140 x 90 mm (7.8 x 5.6 x 3.5")
- 重量（净重）：1.97kg (4.34 lbs)

产品简介

UNO-2484V3 是一款嵌入式硬件平台 (Hardware Ready Platform) 提供一系列网络接口以满足不同应用的各种需求。UNO-2484V3 搭载 Intel® Core™ Ultra (Arrow Lake U) 处理器和选配 DDR5 RAM 插槽，并提供丰富接口：1 x GbE, 3 x 2.5 GbE, 1 x M.2 B key, 1 x M.2 E key, 2 x M.2 M key, 1 x HDMI, 1 x DP, 1 x USB2.0, 3 x USB 3.2, 2 x USB TypeC 和 4 x COM。它提供三种不同的第二层扩展套件，可支持 2 个 iDoor 模块、1 个 iDoor + 1 个硬盘驱动器及 2 个硬盘驱动器。

认证

CE、FCC、UL、CCC、BSMI

安全措施

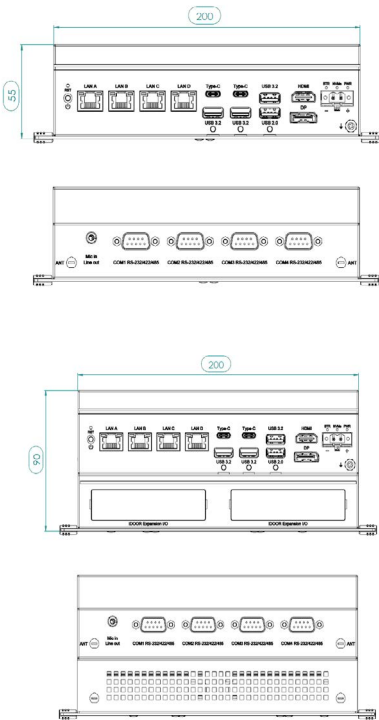
以下内容将指导用户如何连接各种硬件设备。大多数情况下，用户只需要准备一根标准电缆即可。

警告！ 无论何时进行硬件操作，请务必完全断开机箱电源。请勿在电源接通时

进行设备连接，以防止瞬间电流损坏敏感电源元件。只有专业技术人员才可以打开机箱。

注意！ 接触 UNO-2484V3前，请先确保您接地来移除身上附带的静电。由于现在的电子设备对静电十分敏感，为了安全起见，请使用接地腕环。请将所有电子元件放在无静电的表面或静电屏蔽袋中。

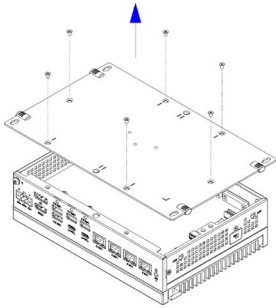
系统 I/O 接口



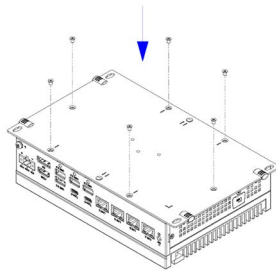
简单安装步骤

拆下 & 重新安装底盖

1. 卸下螺丝 (1930008390*6)。
2. 拆下底盖 (1960105540T011*1)。



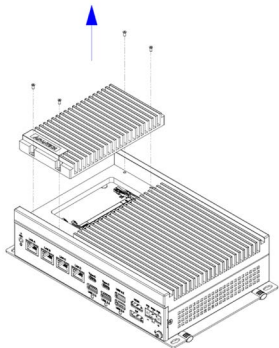
3. 重新安装底盖 (1960105540T011*1)。
4. 锁紧螺丝 (1930008390*6)。



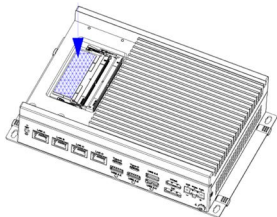
简单安装步骤（续）

安装 DDR 和散热垫

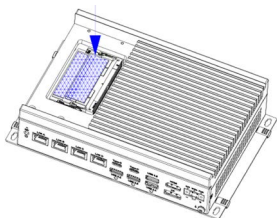
1. 卸下螺丝（1930009298*4）。
2. 拆下 DDR Door（1960119358T001）。



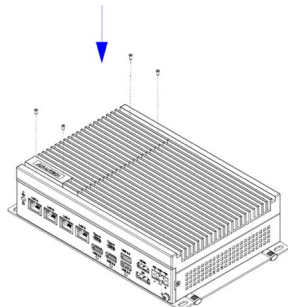
3. 安装 DDR 1 并粘贴散热垫（1990042331N000）。



4. 安装 DDR 2 并粘贴散热垫（1990042331N000）。



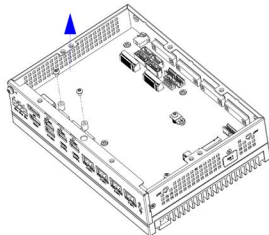
5. 重新安装 DDR Door（1960119358T001）。
6. 锁紧螺丝（1930009298*4）。



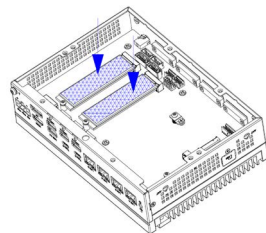
简单安装步骤（续）

安装 2280 模块

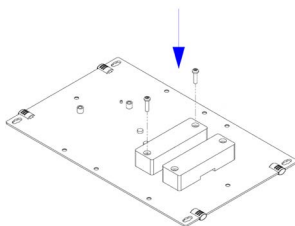
1. 卸下螺丝（19350304A0）。



2. 安装 2280 卡并粘贴散热垫（1990042505N000）。
3. 锁紧螺丝（19350304A0）。



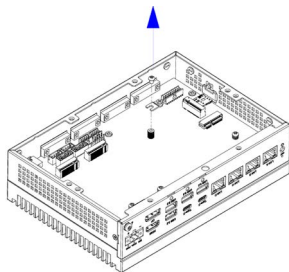
4. 将 2280 专用铝块（1960119414N000）安装在底盖上。
5. 锁紧螺丝（1930007680-01）。



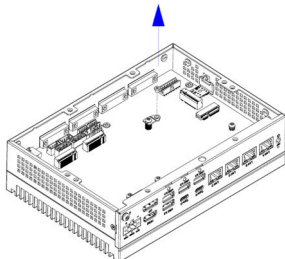
简单安装步骤（续）

安装 B Key 2242/3052 模块

1-1. 若是 3052 模块，卸下螺丝（19350304A0）。

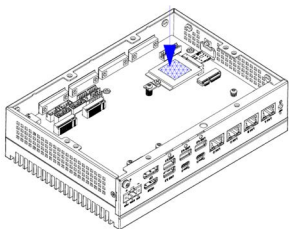


1-2. 若是 2252 模块，卸下螺丝（1930008738）。



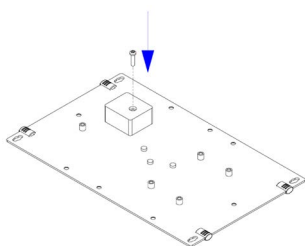
2. 安装 2242/3052 卡并粘贴散热垫（1990042507N000）。

3. 锁紧螺丝（1930008738）。



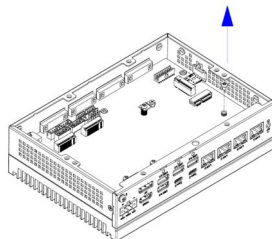
4. 将 2242/3052 专用铝块（1960119412N000）安装在底盖上。

5. 锁紧螺丝（1930007680-01）。



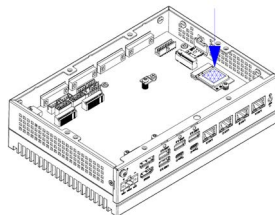
安装 E Key 2230 模块

1. 卸下螺丝（19350304A0）。



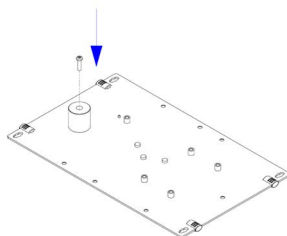
2. 安装 2230 卡并粘贴散热垫（1990042506N000）。

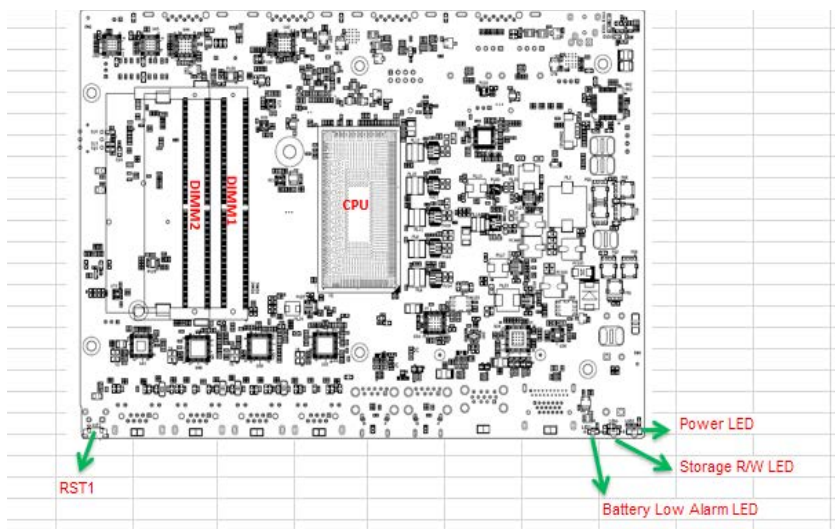
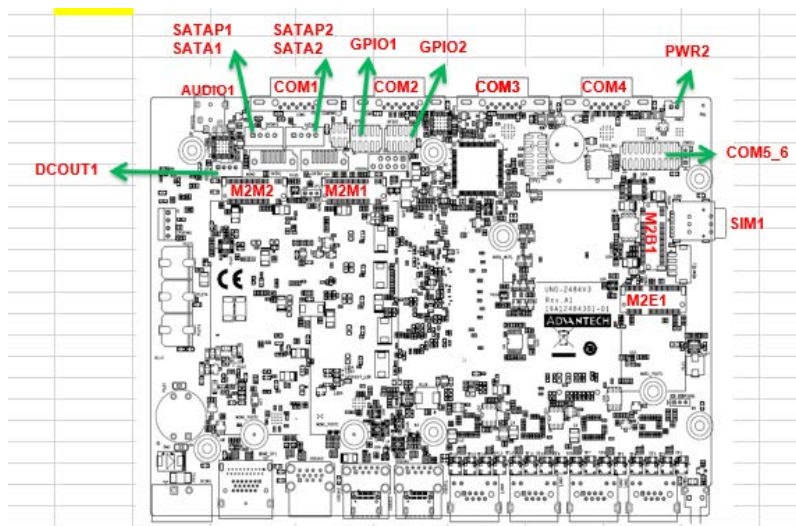
3. 锁紧螺丝（19350304A0）。



4. 将 2230 专用铝块（1960119413N000）安装在底盖上。

5. 锁紧螺丝（1930007680-01）。





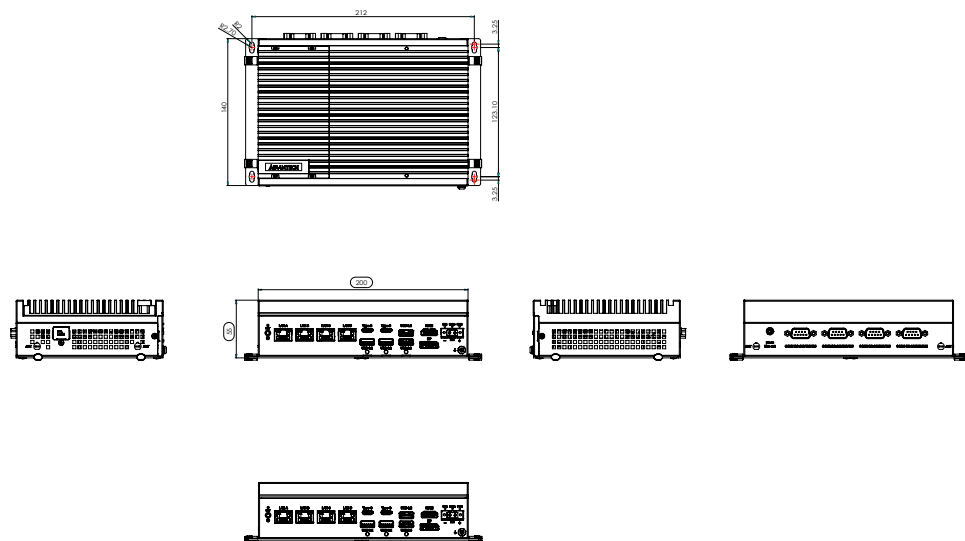
注意

表面高温，请勿触摸上部散热片。

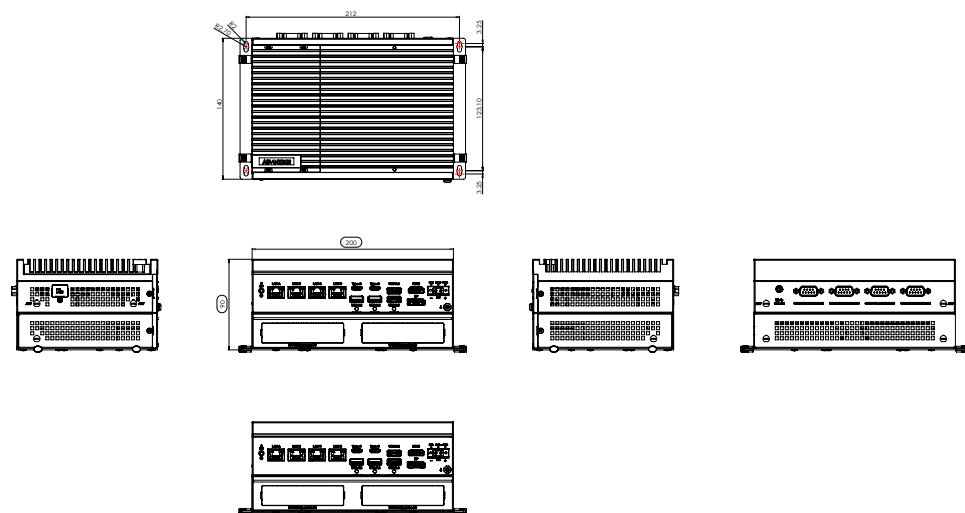


产品尺寸

UNO-2484V3 尺寸



UNO-2484V3 尺寸 (含可选扩展套件)



UNO-2484V3 搭載 Intel® Core™ Ultra (Arrow Lake U) 處理器模組化工業電腦 快速入門手冊

包裝清單

安裝系統之前，使用者需確認包裝中含有下面所列各項：

1. UNO-2484V3
2. 1 x 鳳凰接頭，用於電源線
3. 快速入門手冊
4. 散熱墊：M.2 M Key (1pcs* 1990042505N000) & RAM (1pcs *1990042331N000)

如果其中任何一項缺失或損壞，請立即與經銷商或業務代表聯繫。

產品規格

處理器

- Intel® Core™ Ultra 5 處理器 225U
- Intel® Core™ Ultra 7 處理器 255U

記憶體

- 2 x 選配 DDR5 5600 MHz，每通道高達 32 GB

顯示

- Intel® Iris® Xe Graphics

乙太網

- LAN A: Intel® i219-LM 1Gb/s, IEEE 802.3, 802.1as/1588
- LAN B-D: Intel® i226-LM 2.5Gb/s, IEEE 802.3, 802.1as/1588

如需更多有關這款產品及其它研華產品的資訊，請訪問研華網站：

<http://www.advantech.tw>



如需技術支援和服務，請訪問研華支援網站的 UNO-2484V3 頁面：



本手冊適用於 UNO-2484V3。

料號：204184V300

第一版
2025 年 12 月

產品規格 (續)

擴充/儲存

- 1 x M.2 B Key (2242/3052) (PCIEx1/USB 3.2/USB2.0)
- 1 x M.2 E Key (2230) (PCIEx2/USB2.0)
- 2 x M.2 M Key (2280) (PCIEx4)
- 第二層：2 x 2.5 吋 SSD (通過 UNO-2484V3-ES2A 連接)

I/O

- 顯示：
 - 1 x HDMI 1.4 (1920x1080@60Hz),
 - 1 x DP1.4 (3840x2160 @60Hz)
- USB: 3 x USB 3.2 Gen2, 1 x USB2.0
- USB Type-C: 2 x USB Type C (1.5A), 支持DP 1.4a & DP ALT模式
- 序列埠: 4 x RS-232/422/485, 傳輸速率 50kbps - 115.2 kbps
- 電源接口: 1 x 2 針端子排

電源

- 電源功耗: 31W (一般), 97W (最大), 109W (含第二層)

環境規格

- 工作溫度: -20 ~ 60° C (-4 ~ 140° F), 氣流速度 0.7 m/s
- 儲存溫度: -40 ~ 85° C (-40 ~ 185° F)
- 相對濕度:
 - 運作時, 95% RH @ 40° C (非凝結)
 - 非運作時, 95% RH @ 60° C (可凝結)
- 抗震保護: 工作時, IEC 60068-2-27 標準, 50G 加速度, 半正弦波, 11 ms 持續時間。
- 防振保護: 工作時, IEC 60068-2-64 標準, 3 Grms 隨機振動, 5 ~ 500 Hz, 1 小時/軸
- 侵入保護: IP20

物理規格

- 尺寸 ((W x D x H)):
 - 單層: 200 x 140 x 55 mm (7.8] x 5.6] x 2.1])
 - 雙層: 200 x 140 x 90 mm (7.8 x 5.6 x 3.5])
- 重量 (淨重): 1.97kg (4.34 lbs)

產品簡介

UNO-2484V3 是一款嵌入式硬體平臺 (Hardware Ready Platform) 提供一系列網絡接口以滿足不同應用的各種需求。UNO-2484V3 搭載 Intel® Core™ Ultra (Arrow Lake U) 處理器和選配 DDR5 RAM 插槽，並提供豐富接口：1 x GbE, 3 x 2.5 GbE, 1 x M.2 B key, 1 x M.2 E key, 2 x M.2 M key, 1 x HDMI, 1 x DP, 1 x USB2.0, 3 x USB 3.2, 2 x USB TypeC 和 4 x COM。它提供三種不同的雙層擴展模組，可支持 2 個 iDoor 模塊、1 個 iDoor + 1 個硬碟驅動器及 2 個硬碟驅動器。

認證

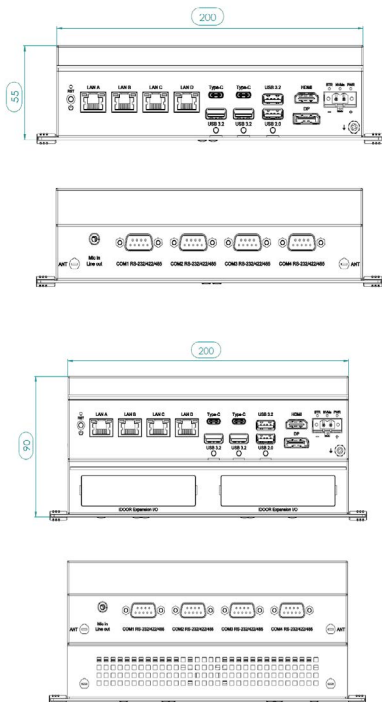
CE、FCC、UL、CCC、BSMI

符合性聲明

警告使用者

為避免電磁干擾，本產品不應安裝或使用於住宅環境。

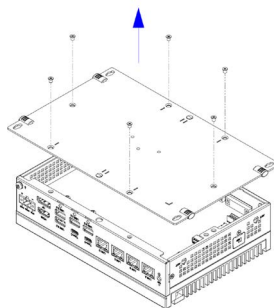
系統 I/O 接頭



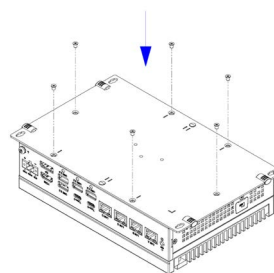
簡單安裝步驟

拆下 & 重新安裝底蓋

1. 卸下螺絲 (1930008390*6)。
2. 拆下底蓋 (1960105540T011*1)。



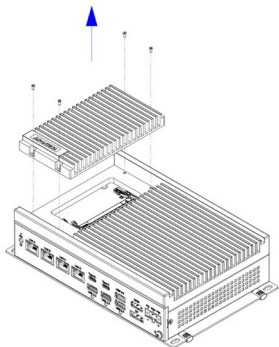
3. 重新安裝底蓋 (1960105540T011*1)。
4. 鎖緊螺絲 (1930008390*6)。



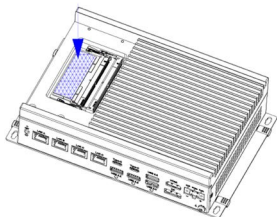
簡單安裝步驟（續）

安裝 DDR 和散熱墊

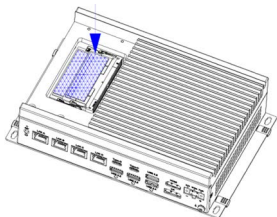
1. 卸下螺絲 (1930009298*4)。
2. 拆下 DDR Door (1960119358T001)。



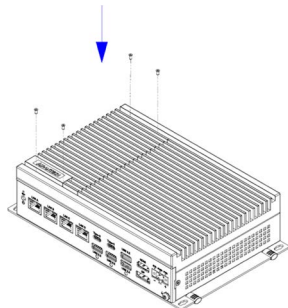
3. 安裝 DDR 1 並黏貼散熱墊 (1990042331N000)。



4. 安裝 DDR 2 並黏貼散熱墊 (1990042331N000)。



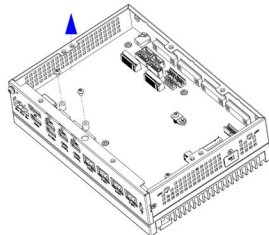
5. 重新安裝 DDR Door (1960119358T001)。
6. 鎖緊螺絲 (1930009298*4)。



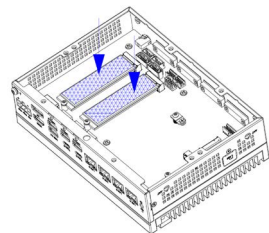
簡單安裝步驟（續）

安裝 2280 模組

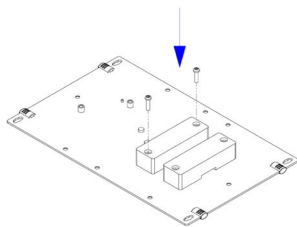
1. 卸下螺絲 (19350304A0)。



2. 安裝 2280 卡並黏貼散熱墊 (1990042505N000)。
3. 鎖緊螺絲 (19350304A0)。



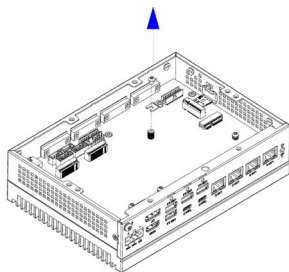
4. 將 2280 專用鋁塊 (1960119414N000) 安裝在底蓋上。
5. 鎖緊螺絲 (1930007680-01)。



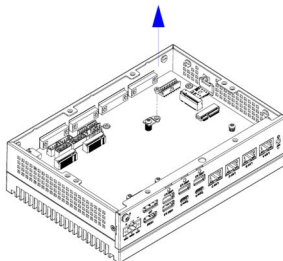
簡單安裝步驟（續）

安裝 B Key 2242/3052 模組

1-1. 若是3052模組，卸下螺絲（19350304A0）。

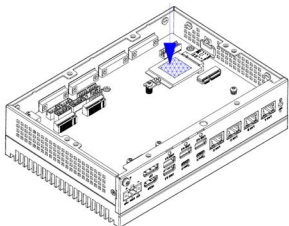


1-2. 若是2242模組，卸下螺絲（1930008738）。



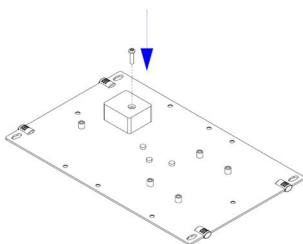
2. 安裝 2242/3052 卡並黏貼散熱墊（1990042507N000）。

3. 鎖緊螺絲（1930008738）。



4. 將 2242/3052 專用鋁塊（1960119412N000）安裝在底蓋上。

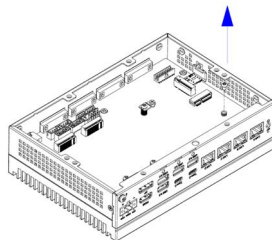
5. 鎖緊螺絲（1930007680-01）。



簡單安裝步驟（續）

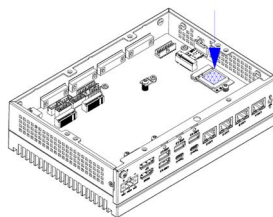
安裝 E Key 2230 模組

1. 卸下螺絲（19350304A0）。



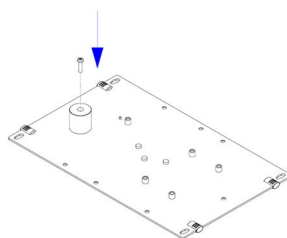
2. 安裝 2230 卡並黏貼散熱墊（1990042506N000）。

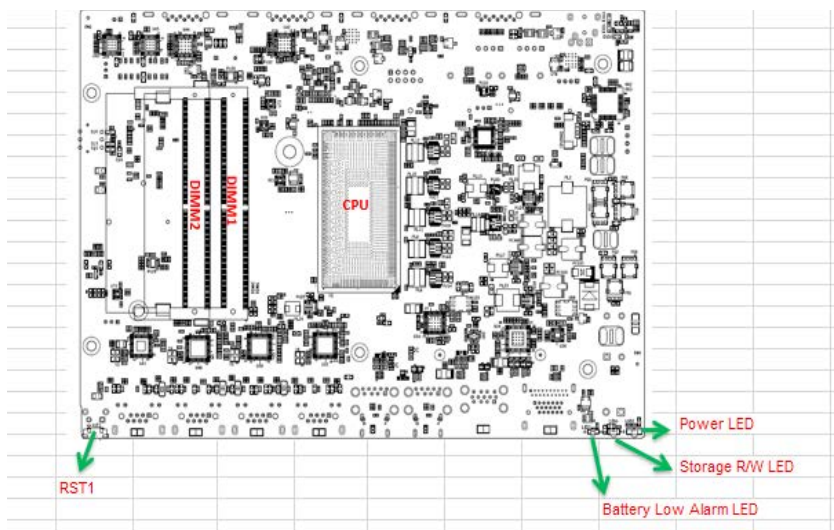
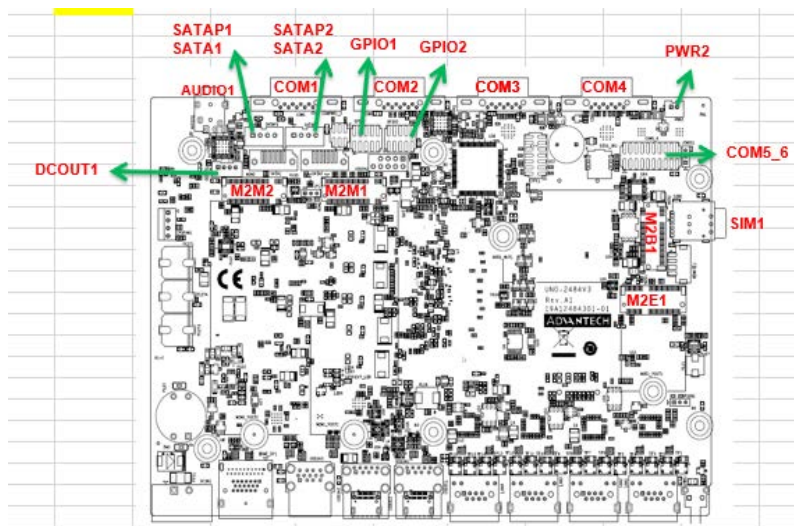
3. 鎖緊螺絲（19350304A0）。



4. 將 2230 專用鋁塊（1960119413N000）安裝在底蓋上。

5. 鎖緊螺絲（1930007680-01）。





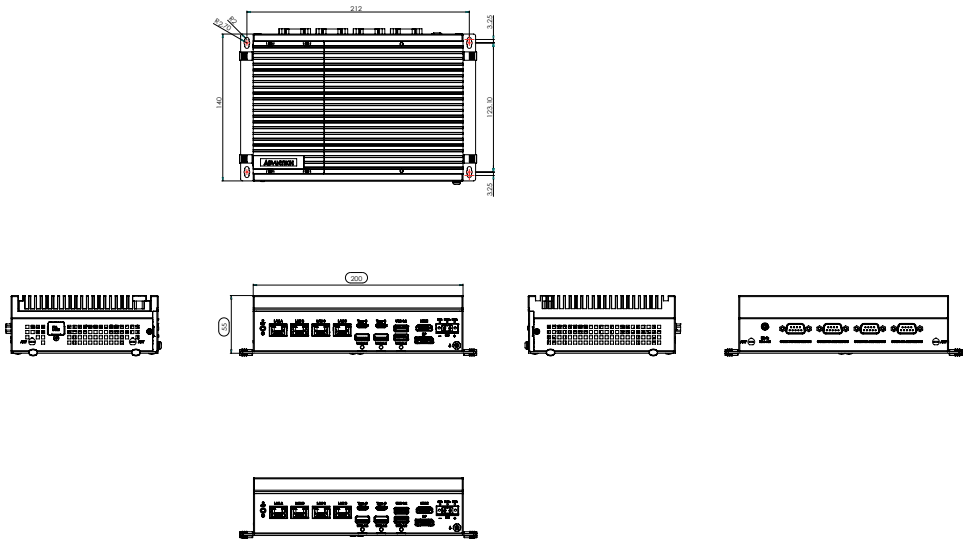
注意

表面高溫，請勿觸摸上部散熱片。

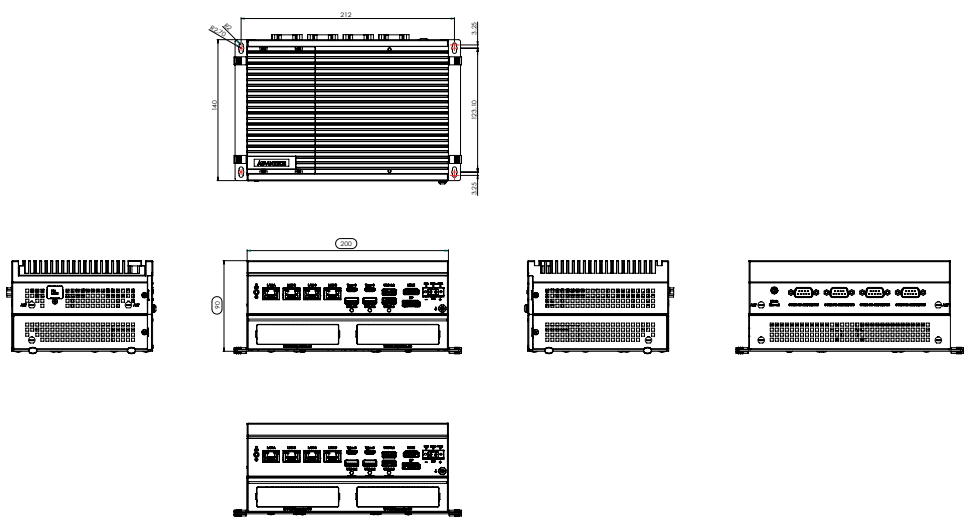


產品尺寸

UNO-2484V3 尺寸



UNO-2484V3 尺寸 (含選配擴充套件)



安全指示

1. 請仔細閱讀此安全操作說明。
2. 請妥善保存此用戶手冊供日後參考。
3. 用濕抹布清洗設備前，請確認拔除電源線。請勿使用液體或去汙噴霧劑清洗設備。
4. 對於使用電源線的設備，設備周圍必須有容易接觸到的電源插座。
5. 請勿在潮濕環境中試用設備。
6. 請在安裝前確保設備放置在可靠的平面上，意外摔落可能會導致設備損壞。
7. 設備機殼的開孔適用於空氣對，從而防止設備過熱。請勿覆蓋開孔。
8. 當您連接設備到電源插座前，請確認電源插座的電壓符合要求。
9. 請將電源線佈置在人們不易絆倒的位置，請勿在電源線上覆蓋任何雜物。
10. 請注意設備上所有的警告標示。
11. 如果長時間不使用設備，請拔除與電源插座的連結，避免設備被超目標電壓波動損壞。
12. 請勿讓任何液體流入通風口，以免引起火災或短路。
13. 請勿自行打開設備。為了確保您的安全，請透過經認證的工程師來打開設備。
14. 如遇下列情況，請由專業人員維修：
 - 電源線或插頭損壞；
 - 設備內部有液體流入；
 - 設備曾暴露在過度潮濕環境中使用；
 - 設備無法正常工作，或您無法透過用戶手冊來正常工作；
 - 設備摔落或損壞；
 - 設備有明顯外觀損；
15. 請勿將設備放置在超出建議溫度範圍的環境，即不要低於 -20°C (-4°F) 或高於 60°C (140°F)，以及請勿將 UNO-2271G-E231AE 放置在超出 -20°C (-4°F) 或高於 50°C (122°F)，否則可能會造成設備損壞。
16. 注意：若電池更換不正確，將有爆炸危險。因此，只可以使用製造商推薦的同一種或者同等型號的電池進行替換。請按照製造商的指示處理舊電池。
17. 根據 IEC 704 - 1:1982 規定，操作員所在位置音量不可高於 70 分貝。
18. 限制區域：請勿將設備安裝於限制區域使用。
19. 免責聲明：請安全訓示符合 IEC 704 - 1 要求。研華公司對其內容之準確性不承擔任何法律責任。
20. 本產品於國內裝置使用時，其電源僅限使用機架電源模組所提供直流電輸入，不得使用交流電源及附加其他電源轉換裝置提供電源，其電源輸入電壓及電流請依說明書規定使用。

限用物質含有情況標示聲明書

設備名稱：電腦 Equipment Name	型號(型式)：UNO-2484V3 Type Designation (Type)					
單元 Unit	限用物質及其化學符號 Restricted Substances And Their Chemical Symbols					
	鉛 Lead (Pb)	汞 Mercury (Hg)	鎘 Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr+6)	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)
電路板	-	○	○	○	○	○
內外殼 (外殼、內部框架…等)	○	○	○	○	○	○
其它固定組件 (螺絲)	-	○	○	○	○	○
記憶體	○	○	○	○	○	○
備考 1: 超出 0.1 wt % 及 “超出 0.01 wt %” 係指限用物質之百分比含量超出百分比含量基準值。 Note 1: Exceeding 0.1 wt % and “exceeding 0.01 wt %” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition. 備考 2: “○” 係指該項限用物質之百分比含量未超出百分比含量基準值。 Note 2: “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence. 備考 3: “-” 係指該項限用物質為排除項目。 Note 3: The “-” indicates that the restricted substance corresponds to the exemption.						

申請商：研華股份有限公司
地址：台北市內湖區瑞光路 26 巷 20 弄 1 號
電話：02-27927818