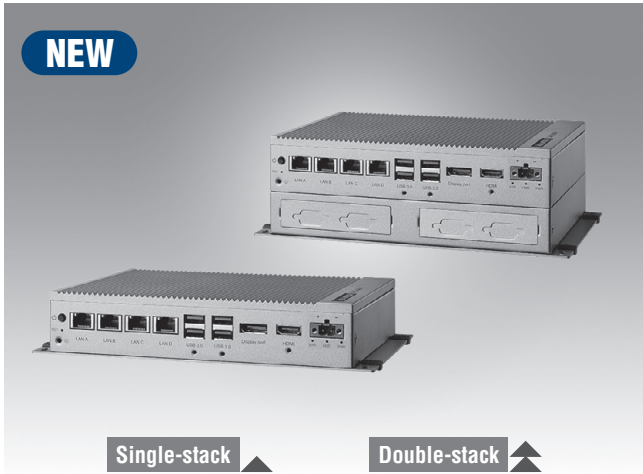


# UNO-2484G V2

Intel® Core™ 11th i7/i5/i3/Celeron® Processor Modular Box PC with 4 x GbE, 4 x USB, 2 x M.2, 2 x mPCIe, HDMI 1.4, DP1.4a

NEW



Single-stack

Double-stack



## Features

- Intel® Core™ 11th i7/i5/i3/Celeron® Processor with 8GB DDR4 3200Mb/s memory
- 4 x GbE, 3 x USB 3.2 Gen2, 1 x USB2.0, 1 x HDMI 1.4, 1 x DP 1.4a, 4 x RS232/422/485
- Optional 2nd layer for up to 2x iDoor extension or customize for domain applications
- Compact fanless design
- Ruggedized by zero cable and lockable I/O design
- Display port supports 4K Ultra HD
- Supports 30+ iDoor combination to expand wireless connectivity, industrial fieldbus or more I/O
- Supports NVME storage w/ high data-transmission efficiency

## Introduction

Advantech's UNO-2000 series of embedded automation computers are highly rugged, fanless systems. The modular design offers vigorous computing performance and flexible scalability with various I/O ports to support IoT Connectivity. The UNO-2484G V2 features powerful computing capacity, optimized I/O port and expansion options supporting high speed and low latency wire/ wireless connectivity and NVME storage for IoT edge data transmission. 4K Ultra HD display ports provide high resolution and with an optional second expansion stack, users can have even more I/O options with Advantech's iDoor technology.

## Specifications

### General

- Certification** CE, FCC, UL, CCC, BSMI
- Dimensions (W x D x H)** 200 x 140 x 40 (7.8" x 5.6" x 1.6") for single stack  
200 x 140 x 70 (7.8" x 5.6" x 2.8") for single stack w/ expansion stack UNO-2484G V2 version
- Form Factor** Regular size with stackable design
- Enclosure** Aluminum housing
- Mounting** Stand, wall, VESA (Optional), DIN-rail (Optional)
- Weight (Net)** Single stack: 1.4kg (3.09lbs)
- Power Requirement** 10 - 36 V<sub>DC</sub>
- Power Consumption** 30.2W (Typical), 85W (Max)
- OS Support** Microsoft® Windows 10, Windows 11, Advantech Linux (Ubuntu 20.04 Desktop/ Server)
- Software Compatibility** WISE-Edge365, Azure IoT, AWS greengrass, VMware RedHat

### System Hardware

- BIOS** AMI EFI64 Mbit
- Watchdog Timer** Programmable 255 levels timer interval, from 1 to 255 sec
- Hardware Security** TPM2.0 2/ FW 7.85
- Processor** 11th Gen Intel Core  
Core™ i3-1115G4E dual-core 2.2GHz  
Core™ i5-1145G7E quad-core 1.5GHz  
Core™ i7-1185G7E quad-core 1.8GHz
- Memory** Built-in 8GB DDR4 3200 MHz, supports up to 64GB (2 slots)
- Graphics Engine** Intel® Iris® Xe Graphics
- Ethernet** LAN A: Intel i219-LM GbE, IEEE 802.3, 802.1as/1588  
LAN B-D: Intel® i226-LM GbE, IEEE 802.3, 802.1as/1588

- LED Indicators** LEDs for Power, HDD, LAN (Active status), RTC Battery low
- Expansion/Storage** 1 x M.2 B key slot (USB Signal for 3042/3052 LTE/5G/4G/LTE/Wifi module, SATA signal for storage)  
1 x 2.5" SSD SATA drive bay (support SSD/HDD height up to 9.5mm)  
1 x M.2 M key (PCIex4) supports 2280 NVME SSD  
2 x mPCIe slot (PCIe, USB2.0 signal)

### I/O Interfaces

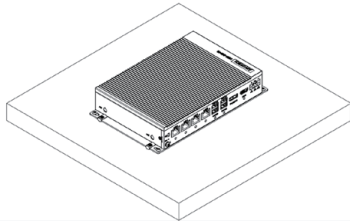
- Serial Ports** 4 x RS 232/422/485, 50-115.2 kbps speed
- LAN Ports** 1 x RJ45, 10/100/1000 Mbps, IEEE 802.3  
3 x RJ45, 10/100/1000/2500 Mbps, IEEE 802.3
- USB Ports** 3 x USB 3.2 Gen2, 1 x USB2.0
- Displays** 1 x HDMI 1.4 (3840x2160@30Hz)  
1 x DP 1.4a (4096x2304@60Hz)
- USB Type-C** 1 x USB3.2 Gen. 2x2 20Gbps, support DP1.4a (4096x2304@60Hz) via Alt. mode
- Power Connector** 1 x 2 pins, terminal block

### Environment

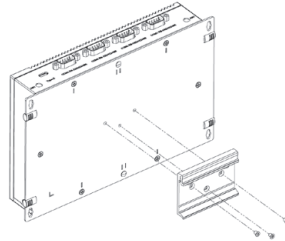
- Operating Temperature** -20 ~ 60°C (-4 ~ 140°F) @ 5 ~ 85% RH with 0.7 m/s airflow
- Storage Temperature** -40 ~ 85°C (-40 ~ 185°F)
- Relative Humidity** 10 ~ 95% RH @ 40°C, non-condensing
- Shock Protection** Operating, IEC 60068-2-27, 50G, half sine, 11 ms
- Vibration Protection** Operating, IEC 60068-2-64, 3 Grms, random, 5 ~ 500 Hz, 1hr/axis (mSATA)
- Ingress Protection** IP40

## Installation Scenario

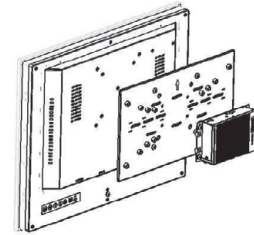
Stand/Wall Mount



DIN-rail Mount (Optional)



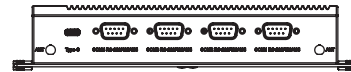
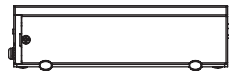
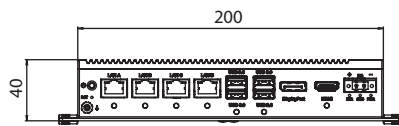
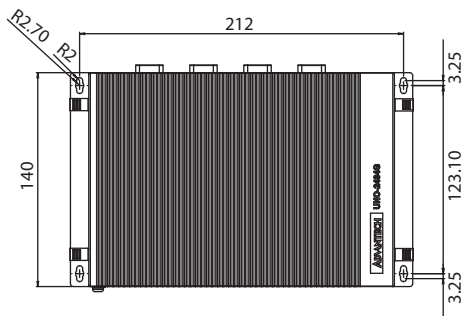
VESA Mount (Optional)



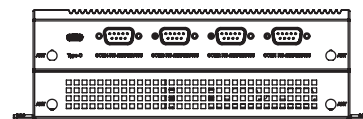
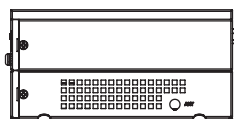
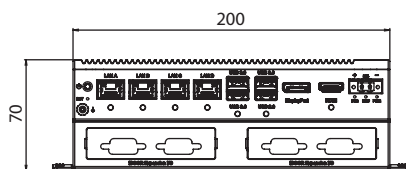
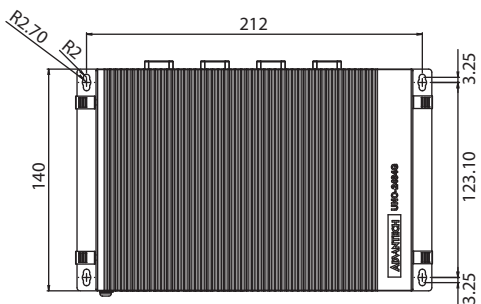
## Dimensions

Unit: mm

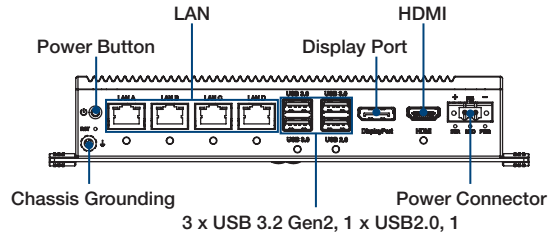
UNO-2484G V2 Single stack



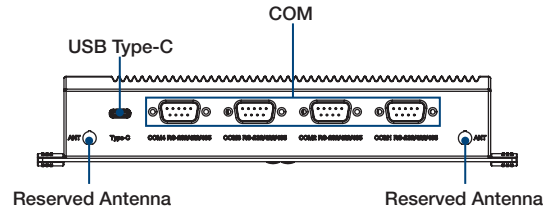
UNO-2484G V2 Single stack + Expansion stack



## Front I/O View



## Rear I/O View



## Ordering Information

Ordering P/N	CPU	Memory	M.2	mPCIe slot	iDoor	USB	COM	LAN	Antenna hole
UNO-2484G-B731AE	i7-1185G7E	8G DDR4	M key *1 B key *1	2	2 (with 2nd stack UNO-2484G-EKCE)	4	4	4	4 (Base unit)
UNO-2484G-B531AE	i5-1145G7E	8G DDR4							
UNO-2484G-B331AE	i3-1115G4E	8G DDR4							

## iDoor Modules

Supported by "single stack" models with extension stack

- **PCM-24R2GL-AE** 2-Port Gigabit Ethernet, mPCIe, RJ45
- **PCM-24D2R2-BE** 2-Port Isolated RS-232 mPCIe, DB9
- **PCM-24D4R4-BE** 4-Port Non-Isolated RS-422/485 mPCIe, DB37
- **PCM-27D24DI-AE** 24-Channel Isolated Digital I/O w/ counter mPCIe, DB37
- **PCM-24D2R4-BE** Isolated RS-422/485, DB9 x 2, (USB type)
- **PCM-24D4R2-BE** Non-Isolated RS-232, DB37 x 1 (USB Type)
- **PCM-24U2U3-BE** 2-Port USB 3.0, mPCIe
- **PCM-23S34G-CE** EG25G LTE/HSPA+/GPRS, mPCIe, Ant
- **PCM-26D2CA-BE** 2-Port CANBus, mPCIe, DB9 x 2 (PCIe Type)
- **PCM-26D2CA-CE** 2-Port CANBus, mPCIe, DB9 x 2 (USB Type)
- **PCM-24S2WF-CE** 802.11 a/b/g/n/ac 2T2R w/BT4.1, Intel AC9260

Please contact Advantech for all compatible iDoor lists

## Optional Accessories

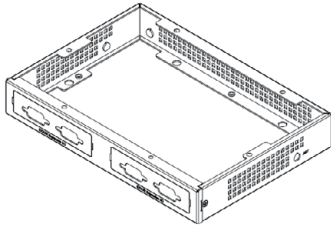
- **96PSA-A150W24T2-3** Power Adapter 150W
- **96PSA-A120W24T2-3** Power Adapter 120W
- **1702002600** Power Cable US Plug 1.8 M (Industrial Grade)
- **1702002605** Power Cable EU Plug 1.8 M (Industrial Grade)
- **1702031801** Power Cable UK Plug 1.8 M (Industrial Grade)
- **1700000596** Power Cable China/Australia Plug 1.8 M (Industrial Grade)
- **1700033574-01** F cable 2x10P-2.0x2/IDE#2 16P-2.54 17CM
- **UNO-2000G-VMKAE** UNO-2000 VESA Mount Kit
- **UNO-2000G-DMKAE** UNO-2484G DIN RAIL Kit
- **UNO-2000-LKAE** Cable lockable kit 10 units/per pack
- **UNO-REPWR-AE** Remote power & reset kit

Please note: If some optional modules are offered with the system, additional system certificates may be required in certain regions/countries. Please contact Advantech for certificate compliance.

# Stackable Extension Kits

## UNO-2484G-EKCE

Second stack module for supporting 2\*iDoor on UNO-2484G V2



### Specifications

General	
Expansion	2 x iDoor, 4 x reserved antenna hole
Dimensions	200 x 140 x 30 mm
Weight	400g

### Ordering Information

Ordering P/N	Description
UNO-2484G-EKCE	UNO-2484G V2 2nd stack for 2 iDoor

# Tento produkt můžete zakoupit u společnosti AutoCont IPC a.s.



## AutoCont IPC a.s.

Váš dodavatel průmyslových počítačů, komponent a speciálních průmyslových IT systémů.

 Uhlířská 1064/3, 710 00 Ostrava, Česká republika

 obchod@autocont-ipc.cz

 +420 552 301 002

 [www.autocont-ipc.cz](http://www.autocont-ipc.cz)



### PRŮMYSLOVÉ POČÍTAČE

*fanless embedded PC, do racku, ...*



### POČÍTAČE S DISPLEJEM

*panelové PC, terminály, do vozidel, ...*



### AUTOMATIZACE A SBĚR DAT

*převodníky, karty, moduly, switche, ...*



### PERIFERIE A KOMPONENTY

*monitory, klávesnice, desky, skříně, ...*



### NOTEBOOKY A TABLETY

*odolné, windows, android, IP65, ...*



### INFORMAČNÍ KIOSKY

*interiérové, venkovní, ...*



### MEDICÍNSKÁ TECHNIKA

*počítače, tablety, LCD, klávesnice, ...*



### SOFTWAREVÁ ŘEŠENÍ

*pro výrobu, zaměstnance, kiosky, ...*



### PŘEJÍT DO E-SHOPU

[eshop.autocont-ipc.cz](http://eshop.autocont-ipc.cz)



### DOPRAVA ZDARMA

Doprava zdarma v ČR a SR při objednávce nad 10 000 Kč bez DPH nebo nad 400 EUR.



### PRODLOUŽENÁ ZÁRUKA

Záruka 2 roky na vyráběné počítače s možností jejího prodloužení až na 5 let.



### ODMĚNA ZA VĚRNOST

Pravidelní zákazníci u nás nakupují za nižší ceny. Výše slevy se odvíjí od realizovaného obrátu.



### SERVIS ON-SITE A IN-TIME

K projektovým dodávkám nabízíme rozšířenou podporu a servis s garancí výměny zařízení do 48 hodin.