

# UNO-3382G

# UNO-3384G

Intel® Core™ i7/Celeron® Control Cabinet PC w/ 2 x GbE, 2 x mPCIe, HDMI/DP

NEW



## Features

- 4th generation Intel® Core™ i7/Celeron® processors with 8GB/4GB DDR3L memory
- 2 x GbE, 2 x USB 2.0, 2 x USB 3.0, 1 x RS-232/RS-422/485, 1 x HDMI, 1 x DP, 1 x CFast, 2 x PCI/PCIe, 2 x mPCIe (2 x full)
- Hot-swappable HDD/SSD support for RAID 0/1
- Protection Technology of optional UPS is compatible with UNO-3300 series which enhances the quality of input power and secure the data safety
- Supports Fieldbus protocol by iDoor technology 3G/GPS/GPRS/Wi-Fi communication by iDoor technology
- Supports MRAM by iDoor technology
- LAN redundancy (teaming)

## Introduction

Advantech's UNO-3300 series offer an open and universal automation solution. The newest UNO-3300 series of the Control Cabinet PC have attractive and flexible extension capabilities such as 2 x USB 2.0 ports and 2 x USB 3.0 ports, 1 x HDMI, 1 x DP, 1 x CFast, 1 x COM ports, 2 x LANS, 2 x mPCIe and 2 x PCI/PCIe. It's a reliable industrial control machine certified by industrial automation standard IEC-61010.

## Specifications

### General

- Certification** CE, FCC, UL
- Dimensions (W x D x H)** UNO-3382G: 65.2 x 254 x 207 mm (2.5" x 10" x 8.15")  
UNO-3384G: 103.2 x 254 x 207 mm (4.06" x 10" x 8.15")
- Form Factor** Regular Size
- Enclosure** Aluminum Housing
- Mounting** Book mounting
- Weight (Net)** UNO-3382G: 3.1kg  
UNO-3384G: 3.9kg
- Power Requirements** 24 V<sub>DC</sub> ± 20%
- Power Consumption** 45W (Typical), 65W (Max, UNO-3382),  
75W (Max, UNO-3384)
- OS Support** WIN7/8, WES7, WES10, Advantech Linux

### System Hardware

- BIOS** AMI UEFI 128Mbit Flash BIOS
- Watchdog Timer** Programmable 255 levels timer interval, from 1 to 255 sec
- Processor** Intel® Core™ i7-4650U 1.7GHz Haswell, 4MB L2  
Intel® Celeron® 2980U 1.6GHz, 2MB L2
- System Chip** Integrated Intel 8 Series Chipset
- Memory** Built-in 4GB/8GB DDR3L 1333 MHz
- Graphics Engine** Intel® HD graphics
- Ethernet** Intel® i210-ITGbE
- LED Indicators** LEDs for Power, Battery, COM (Tx/Rx) HDD and reserved x 2
- Storage** 1 x CFast slot  
Two built-in 2.5" SATA HDD brackets with support for RAID 0/1. (Compatible with 9.5mm height HDD)
- Expansion** UNO-3382G: 2 Full-size mPCIe  
UNO-3384G: 2 Full-size mPCIe, 1x PCIe4, 1x PCI  
(total combined power consumption on the PCI/PCIe slots should be less than 20W)

### I/O Interfaces

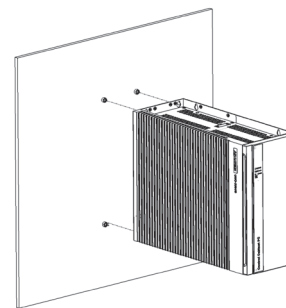
- Serial Ports** 1 x RS-232/422/485, DB9, auto flow control, 50-115.2kbps
- LAN Ports** 2 x RJ45, 10/100/1000 Mbps IEEE 802.3u 1000BASE-T Fast Ethernet
- USB Ports** 4 x USB Ports (2 x USB 2.0, 2 x USB 3.0 compliant)
- Displays** 1 x HDMI, supports 1920 x 1200 @ 60Hz 24bpp  
1 x DP, supports 3200 x 2000 @ 60Hz 24bpp
- Power Connector** 1 x 3 Pin, Terminal Block

### Environment

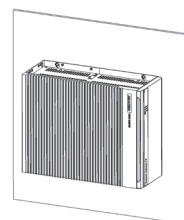
- Operating Temperature** 0 ~ 55°C (32 ~ 131°F) @ 5 ~ 85% RH with 0.7m/s airflow (Industry SSD)
- Storage Temperature** - 40 ~ 85°C (-40 ~ 185°F)
- Relative Humidity** 10 ~ 95% RH @ 40°C, non-condensing
- Shock Protection** Operating, IEC 60068-2-27, 20G, half sine, 11ms
- Vibration Protection** Operating, IEC 60068-2-64, 2Grms, random, 5 ~ 500Hz, 1hr/axis (mSATA)

## Installation Scenario

### Book mounting



### Wall mount

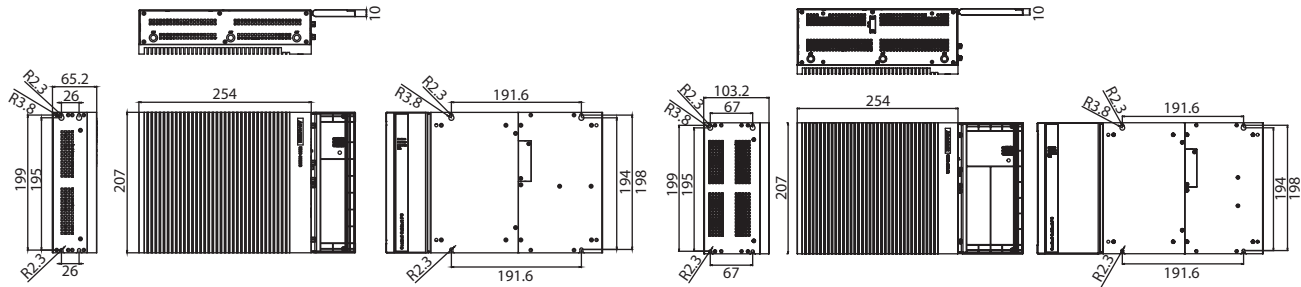


## Dimensions

Unit: mm

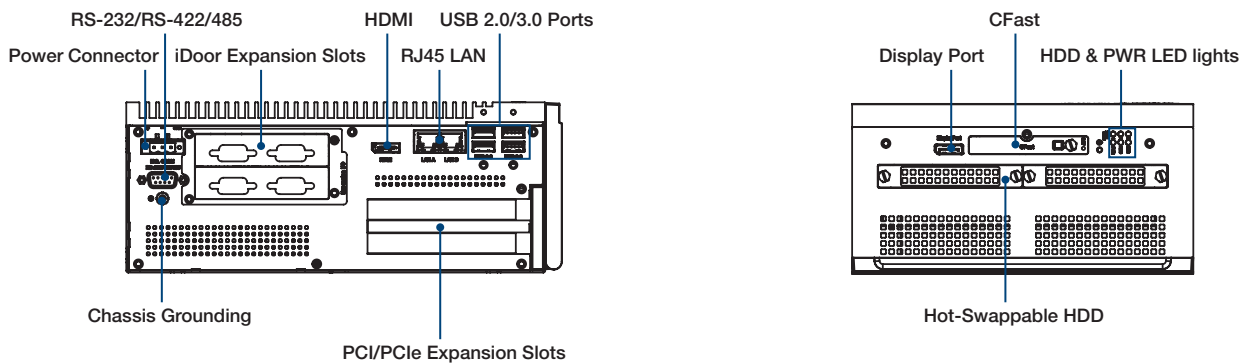
### UNO-3382G

### UNO-3384G



## I/O View

### UNO-3384G



## Ordering Information

- **UNO-3382G-474AE** Intel® Core™ i7-4650U 1.7GHz, 8GB, 2 x LANs, 2 x Full-size mPCIe, 1 x HDMI, 1 x DP
- **UNO-3384G-474AE** Intel® Core™ i7-4650U 1.7GHz, 8GB, 2 x LANs, 1 x PCIe4, 1 x PCI, 2 x Full-size mPCIe, 1 x HDMI, 1 x DP
- **UNO-3382G-4C3AE** Intel® Celeron® 2980U 1.6GHz, 4GB, 2 x LANs, 2 x Full-size mPCIe, 1 x HDMI, 1 x DP
- **UNO-3384G-4C3AE** Intel® Celeron® 2980U 1.6GHz, 4GB, 2 x LANs, 1 x PCIe4, 1 x PCI, 2 x Full-size mPCIe, 1 x HDMI, 1 x DP

## Optional Accessories

- **UNO-IPS2730-AE** UPS module
- **UNO-3300FAN-AE** FAN kit for UNO-3384G series
- **96PSA-A150W24T2** 150W AC to DC power adapter
- **1702002600** Power Cable US Plug 1.8 M
- **1702002605** Power Cable EU Plug 1.8 M
- **1702031801** Power Cable UK Plug 1.8 M
- **1700000596** Power Cable China/Australia Plug 1.8 M

## Embedded O/S

- **2070013477** Image WES7P X64 MUI. for UNO-3382G/3384G
- **2070013478** Image Linux for UNO-3382G/3384G

## iDoor Modules

- **PCM-24R2PE-AE** Intel i350, GbE, PoE IEEE 802.3af, PD, RJ45 x 2
- **PCM-24S2WF-BE** 802.11 a/b/g/n/ac 2T2R w/BT4.1, Atheros QCA6174A
- **PCM-26D2CA-AE** SJA1000 CANbus, CANopen, DB9 x 1
- **PCM-24D2R4-BE** 2-Ports Isolated RS-422/485 mPCIe, DB9
- **PCM-24D2R2-BE** 2-Ports Isolated RS-232 mPCIe, DB9
- **PCM-24D4R4-BE** 4-Ports Non-Isolated RS-422/485 mPCIe, DB37
- **PCM-24D4R2-BE** 4-Ports Non-Isolated RS-232 mPCIe, DB37
- **PCM-27D24DI-AE** 24-Channels Isolated Digital I/O with counter mPCIe, DB37
- **PCM-24R1TP-AE** 1-Port Gigabit Ethernet, Intel® 82574L, mPCIe, RJ45