### Introduction

Advantech’s new generation UNO-2000 series of Embedded Automation Computers are Fanless with highly ruggedized with embedded operation system. New UNO-2000 series implement Universal, Customized, and Domain idea into modular design concept which provides flexible and time-to-market support in variety of applications. The series also includes iDOOR technology which supports automation feature-extensions such as Multiple I/O Peripheral, Industrial Fieldbus, Smart I/O Communication, and Signal Communication. New UNO-2000 series including pocket, small, and regular-size form-factors with indicated market segments in terms of different kinds of smart factory application categories such as Equipment Connectivity (EC), Process Visualization (PV), Environment Management (EM), and Dispatch Management (DM) solution. New UNO enables smart factory and fulfill all application.

### Specifications

#### General
- **Certification**: CE, FCC, UL, CCC, BSMI
- **Dimensions (W x D x H)**: 200 x 140 x 70 (7.8" x 5.6" x 2.8")
- **Enclosure**: Aluminum Housing
- **Mounting**: Stand, Wall, VESA (Optional), DIN-rail (Optional)
- **Weight (Net)**: 1.5KG (2.65lb)
- **Power Requirement**: 10 - 36 VDC
- **Power Consumption**: 55W (Typical), 85W (Max)
- **OS Support**: Microsoft® Windows 10, Windows 7, Advantech Linux

#### System Hardware
- **BIOS**: AMI EFI64 Mbit
- **Watchdog Timer**: Programmable 256 levels timer interval, from 1 to 255 sec
- **Processor**: 6th Gen Intel Core i7-6600U, 2.6GHz 4M Smartcache
  - 6th Gen Intel Core i5-6300U, 2.4GHz 3M Smartcache
  - 6th Gen Intel Core i3-6100U, 2.3GHz 3M Smartcache
- **Memory**: Built-in 8GB DDR4 1866/2133 MHz
- **Graphics Engine**: Intel® HD Graphics 520 / AMD E6465 (expansion board)
- **Ethernet**: Intel® i210-IT GbE, 802.1Q, 802.1Qv, IEEE1588/802.1AS, 802.3AF
- **I/O Interfaces**:
  - **Serial Ports**: 4 x RS 232/422/485
  - **LAN Ports**: 4 x RJ45, 10/100/1000 Mbps IEEE 802.3u 1000Base-T Fast Ethernet
  - **USB Ports**: 4 x USB3.0, 4 x USB2.0
  - **Displays**: 5 x HDMI supports 1920x1080, 1 X DP supports 4K
  - **Audio**: Line-out
  - **Power Connector**: 1 x 2 Pins, Terminal Block
  - **Grounding Protection**: Chassis Grounding

#### Environment
- **Operating Temperature**: 0 – 40°C (32 – 104°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, 2 Grms, random, 5 – 500 Hz, Thr/axis (mSATA)
- **Ingress Protection**: IP40

#### Installation Scenario

**DIN-rail Mount Illustration**

**VESA Mount Illustration**
Dimensions

UNO-2484G Multiple Display

Ordering Information

- **UNO-2484G-6732H5AE**
  - Intel Core i7-6600U, 2.6GHz, 8G RAM, 4 x GbE LAN, 4 x USB2.0, 4 x USB3.0, 4 x COM, 1 x mPCIe, 5 x HDMI
- **UNO-2484G-6532H5AE**
  - Intel Core i5-6300U, 2.4GHz, 8G RAM, 4 x GbE LAN, 4 x USB2.0, 4 x USB3.0, 4 x COM, 1 x mPCIe, 5 x HDMI
- **UNO-2484G-6332H5AE**
  - Intel Core i3-6100U, 2.3GHz, 8G RAM, 4 x GbE LAN, 4 x USB2.0, 4 x USB3.0, 4 x COM, 1 x mPCIe, 5 x HDMI

Optional Accessories

- **UNO-2484G-EKAE**
  - UNO-2484G second stack expansion module
- **UNO-2000G-VMKAE**
  - UNO-2000 VESA Mount Kit
- **UNO-2000G-DMKAE**
  - UNO-2484G DIN RAIL Kit
- **TBD**
  - Windows 10 Enterprise image for UNO-2484G MUI
- **96PSA-A150W24T2**
  - 150W power adapter