

# EDGE DEVICE UNO-127 8GB PURE

## Ultra-Compact Fanless Embedded PC with mini PCIe



**Compact, Fan-less Edge Controller with Intel® Atom® Processor, with WIN10, 8GB RAM, 64GB eMMC, 2 x LAN, 2 x USB, and 1 x HDMI**

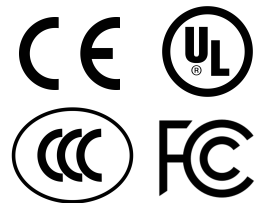
UNO series of integrated DIN-rail IPCs feature a modular design for flexible configuration according to specific usage requirements.

The UNO-AT model is equipped with an Intel® Atom® x6413E processor, initially installed WIN10, 8 GB DDR4 RAM, 64 GB eMMC storage, 256 GB SSD, 2 x LAN, 2 x USB, and 1 x HDMI, as well as 1 x full-size mini PCIe for expansion. IEC 61010-1 certified for industrial use, UNO-127 can also be equipped with an optional second-stack extension kit that supports an additional 4 x COM ports and 1 x M.2 B key for extending the system I/O and wireless connectivity capabilities.

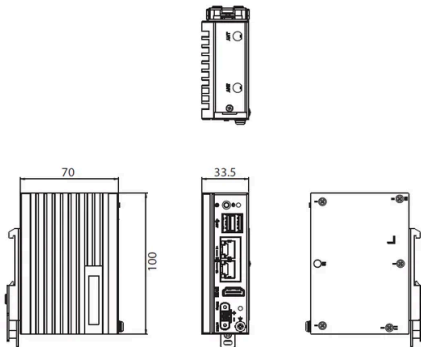
### ORDER DETAILS

**Function:** Intel® Atom® x6413E processor, WIN10, 8 GB DDR4 RAM, 64 GB eMMC storage, 256 GB SSD, 2 x LAN, 2 x USB, and 1 x HDMI, 1 x full-size mini PCIe

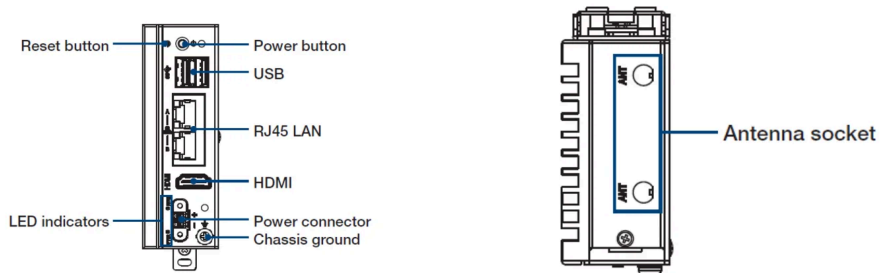
**SKU/Order No.:** SA-UNO-127-E23BA (8GB)



## Mechanical Dimensions



## Drawings



## Technical Data

### System Hardware

BIOS	AMI EFI X64
Watchdog Timer	Programmable 255 levels timer interval, from 1 to 255 sec
Processor	Intel® Atom™ x6413E Quad core, 1.5 GHz
Memory	DDR4 2666MHz, 8GB
Ethernet	2 x Intel® i210-IT GbE, 802.1Qav, IEEE1588/802.1AS, 802.3az
Expansion	1 x Full-size mPCIe (PCIe / USB 2.0 / SATA signal)
OS Support	Windows10 LTSC (Default), Windows 11, Ubuntu 20.04, Ubuntu Core 20

### Interface

LED Panel	LEDs for Power, Run(Programmable), LAN (LINK, ACT)
LAN Ports	2 x RJ45, 10/100/1000 Mbps 1x EtherCAT Slice IO (right side expansion)
USB Ports	2 x USB ports (USB 3.2 compliant)
Display	1 x HDMI, support up to 1920 x 1080 @60Hz
Grounding Protection	Chassis grounding

### Input Data

Power Consumption (max.)	15.8W (Typical), 35W (max.)
Input Voltage Range DC	10 ... 30 VDC

### Mechanical Data

Housing	Aluminum housing
Mounting DIN Rail according EN 60715	DIN-rail
Weight (typ.)	Approx. 0.5kg

### Dimensions

Width (mm)	33.5 mm
Height (mm)	100 mm

Depth (mm)	70 mm
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**Certification**

Certification	CE, FCC, UL, BSMI, CCC
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**Ambient Condition**

Ambient Temperature (operating)	-20 ... 60°C (-4 ... 140°F) @ 5 ~ 85% RH with 0.7 m/s airflow
Ambient Temperature (storage/transport)	-40 ... 85°C (-40 ... 185°F)
Operating Humidity (non-condensing)	10 ... 95% RH @ 40°C
Storage Humidity (non-condensing)	10 ... 95% RH @ 60°C

**Standards and Regulations**

Shock Test	Operating, IEC 60068-2-27, 50G, half sine, 11 ms
Vibration	Operating, IEC 60068-2-64, 2 Grms, random, 5 ~ 500 Hz, 1hr/axis (eMMC)

**Commercial Data**

Customs Tariff Number	85371091
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