

IES-3030

Fanless Embedded Edge System with
13th Gen Intel® Core™ i3/i5/i7 Processor



Features

- 13th Gen Intel® Core™ i3/i5/i7
- Onboard LPDDR5, up to 16 GB
- 3 x Independent Displays up to 4K
- TPM 2.0
- Support LAN, COM, USB, Display
- Fanless design

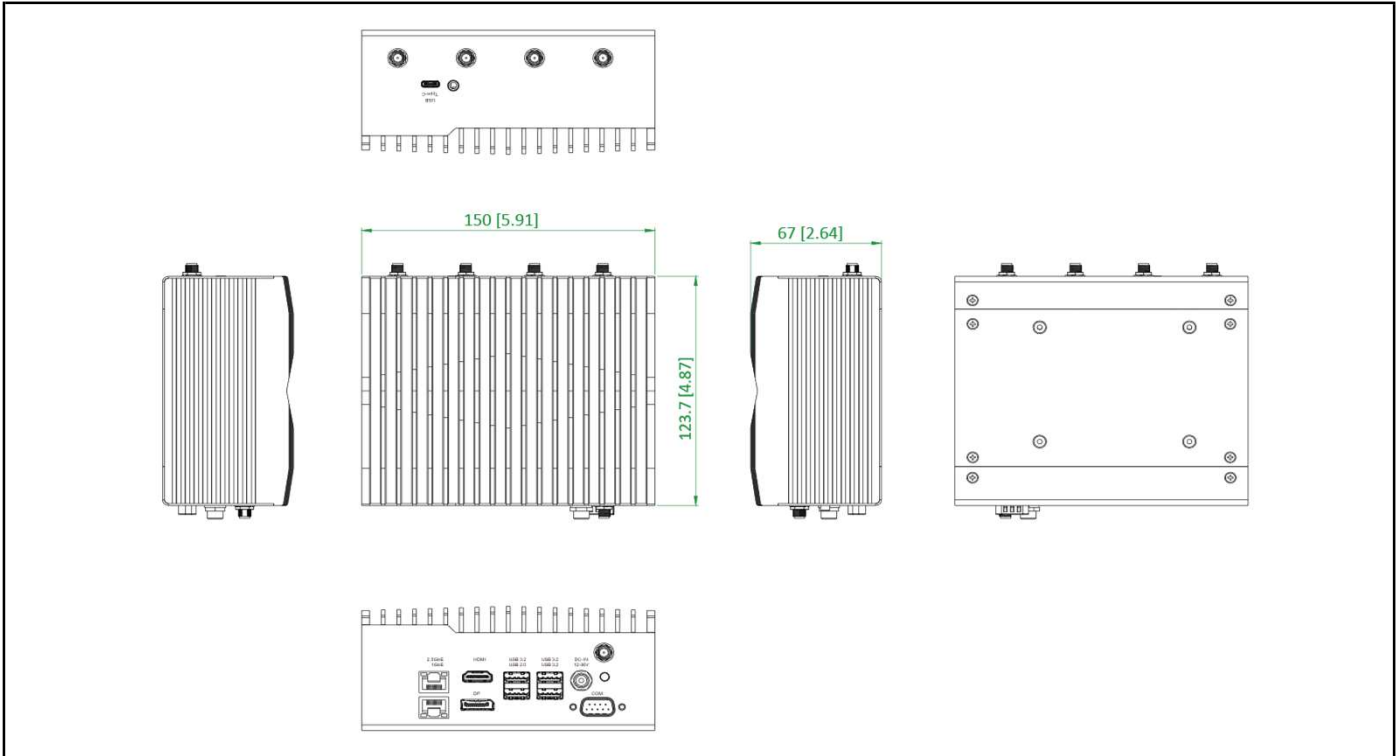
Specifications

System	
CPU	13th Gen Intel® Core™ i7-1370PE 13th Gen Intel® Core™ i5-1340PE 13th Gen Intel® Core™ i3-1320PE
Memory	Onboard LPDDR5 16 GB(i7-1370PE/i5-1340PE) Onboard LPDDR5 8 GB (i3-1320PE)
Storage	1 x 2.5" Internal HDD Bay 1 x M-Key 2280, NVMe SSD
Real time clock	Yes
Security	TPM 2.0
Thermal Design	Fanless design
Operating System	Ubuntu 22.04 LTS, Yocto 4.0 Windows 10 Enterprise 2021 LTSC
Support Protocol	--
Power Requirement	
Input Voltage	12 ~ 36 VDC
Power Consumption	90 W (typical)
Power Connector	1 x 5.5 mm x 2.5 mm DC input
Environmental and Mechanical	
Dimension	150 x 124 x 67 mm (5.91" x 4.87" x 2.64")
Weight	1.1 kg
Mouting/Installation	--
Operating Temperature	0 ~ 50 °C (32 ~ 122 °F)
Storage Temperature	-40 ~ 80 °C (-40 ~ 176 °F)
Operating Humidity	5% ~ 95% relative humidity (RH), non-condensing
Certification	
Regulations	CE, FCC, RoHs

Interface	
Serial Port	1 x RS232/422/485 DB9
CAN Bus	--
Ethernet	1 x RJ45 Intel® I219 GbE LAN 1 x RJ45 Intel® I226IT 2.5GbE LAN
USB	3 x USB 3.2 Gen2 (Type A) 1 x USB 2.0 (Type A) 1 x USB 4.0 (Type C)
DI/DO	--
AI/AO	--
Display	1 x HDMI, 1 x DP 1 x DP 1.4a (via USB Type-C)
Audio	--
PoE	--
Indicator	--
Expansion Slot	1 x M.2 B-Key 3042/3052 1 x M.2 E-Key 2230
SIM Slot	1 x Nano SIM Card Socket
Antenna	5 x External Antenna holes
Console port	--
Other Interface	--

Dimension

Unit: mm / inch



Ordering Information

Packing List

- 1 x System
- 1 x Power Adapter
- 1 x SATA & SATA power cable
- 1 x Screw Pack

Part Number

2IES-3030-00-01	IES-3030.Intel Core i3-1320PE.Fanless.12-36V DC.8 GB RAM
2IES-3030-11-01	IES-3030.Intel Core i5-1340PE.Fanless.12-36V DC.16 GB RAM
2IES-3030-12-01	IES-3030.Intel Core i7-1370PE.Fanless.12-36V DC.16GB RAM

Optional Accessories

Part Number / Item

Wi-Fi Module	Wi-Fi Module M.2 2230 with Antenna
4G LTE Module	4G LTE Module M.2 3042 with Antenna
5G Module	5G Module M.2 3052 with Antenna
Power cord	US/EU Power cord
AI Module	AI Module 2280 M.2