



Features

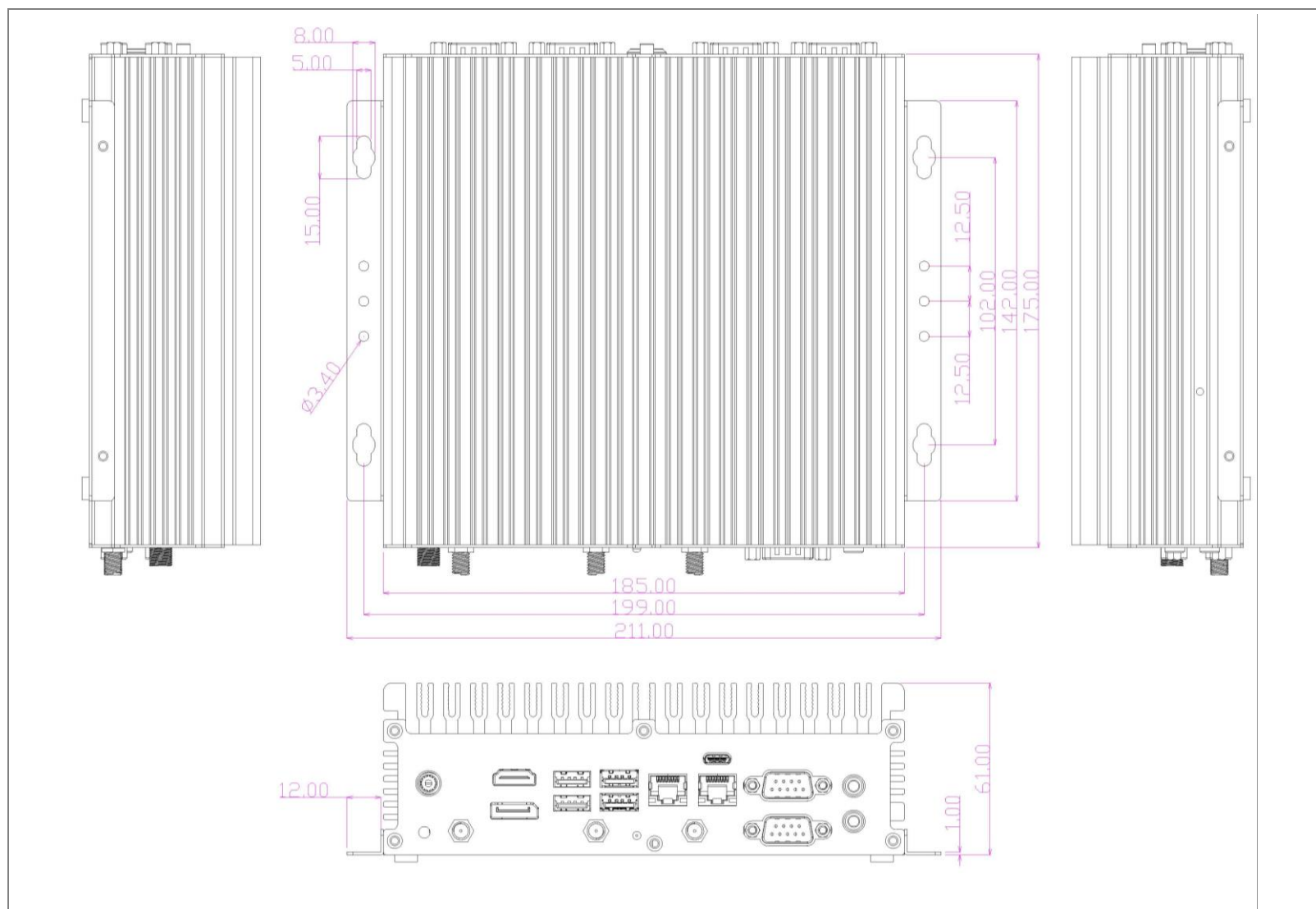
- 11th Gen Intel® Core™ i5-1145G7E Processor SoC
- 2 x DDR4 3200MHz SO-DIMM up to 64GB
- 1 x Intel i219-LM GbE, 1 x Intel i225-V 2.5GbE
- 1 x M.2 M-key 2242/2280 support NVMe, 1 x M.2 E-key 2230 Support CNVi, 1 x M.2 B-key 3042/3052
- 1 x HDMI, 2 x DP
- 4 x COM, 16 bit GPIO (IES-4015-01 Only)
- 8 x COM (IES-4015-02 Only)
- 8 x i211 GbE LAN (IES-4015-03 Only)

Specifications

System		Interface	
CPU/GPU	Intel® Core™ i5-1145G7E (TDP 15W)	Serial Port	2 x RS232
Memory	2 x DDR4 3200MHz SO-DIMM up to 64GB		4 x COM (IES-4015-01 Only)
Storage	1 x 2.5” SATA Device (6 Gb/s)		8 x COM (IES-4015-02 Only)
	1 x M.2 M-key 2242/2280 (PCIe4.0 x4/SATAIII interface) support NVMe	Ethernet	1 x Intel i219-LM GbE
Real time clock	Yes		1 x Intel i225-V 2.5GbE
Indicators	Power LED, HDD LED		8 x i211 GbE LAN (IES-4015-03 Only)
Wireless	Wi-Fi, 4G/5G	USB	2 x USB 3.2 Type A
Operating System	Windows 10 IoT Enterprise / Linux		2 x USB 2.0
Power Supply			1 x USB 3.1 Type C (Support DP1.4)
Power Requirement	12 to 24VDC	Display	1 x HDMI
Environmental and Mechanical			1 x DP
Dimension	185mm x 175mm x 60mm		1 x DP 1.4 from USB Type C
Weight	TBD	Power Connector	DC Jack
Operating Temperature	-20°C to 50°C	Expansion Slot	1 x M.2 2230 E-Key (USB2.0/PCIex1 interface) support CNVi
Storage Temperature	-40°C to 85°C (-40°F to 176°F)		1 x M.2 3052 B-Key (USB3.1/USB2.0/PCIex1 interface)
Operating Humidity	10~95% (non-condensing)		1 x SIM Card Slot
Certification		Other Interface	Power Button
Regulations	CE, FCC, LVD		Line out
			MIC in
			16 bit GPIO (IES-4015-01 Only)

Dimension

Unit: mm / inch



Ordering Information

Part Number	Packing List
Intel® Tiger Lake i5-1145G7E Processor, 12~24V DC in, 2*DDR4 DRAM, expandable system with cableless and fanless design	1. IES-4015 2. Screws Package 3. Wall Mount

Optional Accessories

Part Number / Item			
TBD	Power Adapter.12V/120W		
TBD	Power cord x 1		