



Features

- Intel® Processor N97
- Onboard LPDDR5 Memory 4GB
- Onboard eMMC Storage 32GB
- 2.5GbE x 2 (Intel® I226-IT)
- USB 3.2 x 3 (Type A x 2, Type C x 1)
- DP 1.2 x 1, HDMI 2.0b x 1
- RS232/422/485 Wafer x 2
- M.2 2230 E-Key x1 / M.2 2280 M-Key x1 / M.2 3052 B-Key x 1
- TPM 2.0

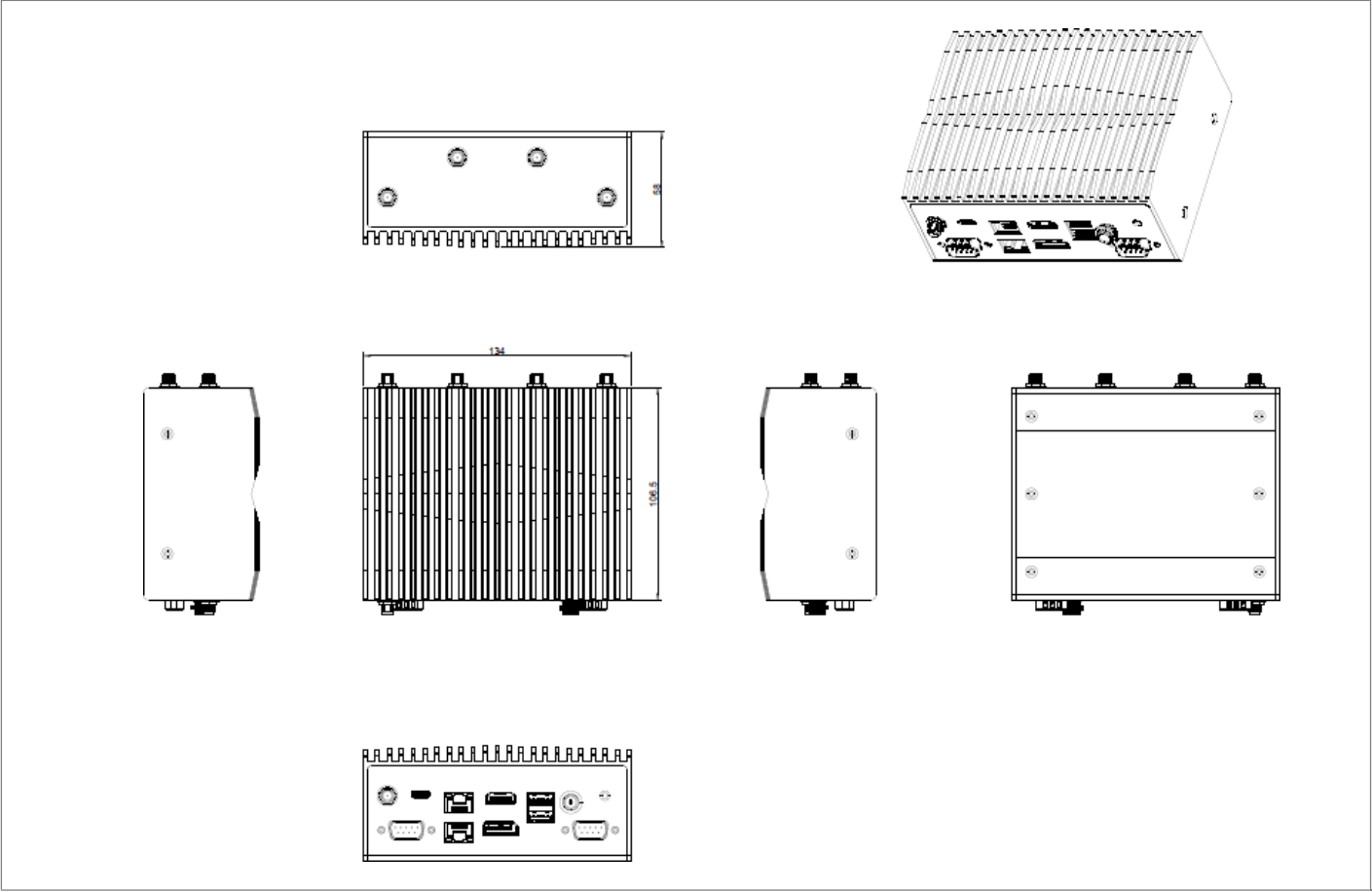
Specifications

System	
CPU/GPU	Intel® Processor N97
Memory	On board LPDDR5 4GB
Storage	Onboard eMMC Storage 32GB
Real time clock	Yes
Indicators	Power LED
Wireless	Wi-Fi, 4G/5G
Operating System	Windows 10 IoT Enterprise / Windows 11 / Ubuntu 22.04 LTS
Power Supply	
Power Requirement	DC 12Vdc
Environmental and Mechanical	
Dimension	134mm x 106.5mm x 58mm
Weight	TBD
Operating Temperature	-20°C to 70°C
Storage Temperature	-40°C to 80°C (-40°F to 176°F)
Operating Humidity	5~90% (non-condensing)
Certification	
Regulations	CE, FCC

Interface	
Serial Port	2 x RS-232/RS485/RS422 DB9
Ethernet	Intel® I226-IT x 2
USB	USB 3.2 (Type-A) x 2
	USB 3.2 (Type-C) x 1
Display	1 x HDMI 2.0b 1 x DP 1.2
Power Connector	12V DC Jack
Expansion Slot	M.2 2230 E-Key x 1
	M.2 2280 M-Key x 1
	M.2 3052 B-Key x 1
Other Interface	TPM 2.0

Dimension

Unit: mm / inch



Ordering Information

Part Number	Packing List
IES-2031-01	

Optional Accessories

Part Number / Item			
Power Adaotor	Power Adapter.12V/60W		
Power cord	Power cord x 1		