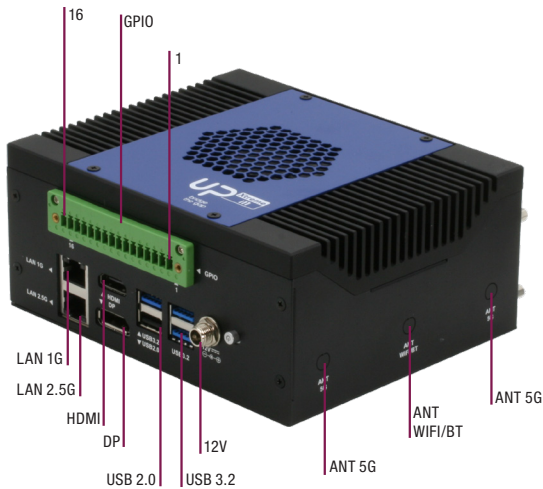


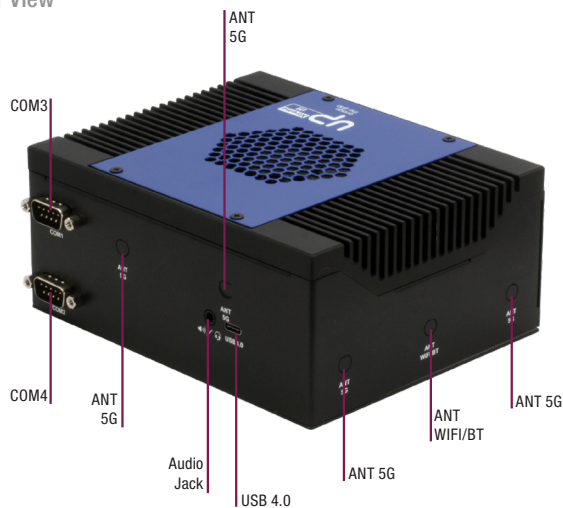
UPX-Edge i11

11th Generation Intel® Core™ i7/i5/i3/Celeron® Processor SoC (formerly Tiger Lake UP3)

Front View



Rear View



Features

- 11th generation Intel® Core™ i7/i5/i3/Celeron® Processor SoC (formerly Tiger Lake UP3)
- DDR4 SO-DIMM Slot x 2 (up to 64GB)
- 16pin GPIO connector x 1
- SATA storage
- Support 5G via M.2 3052
- Support AI Accelerator via M.2 2280
- Support WiFi 6
- Support USB 4.0
- Support LAN up to 2.5Gbps

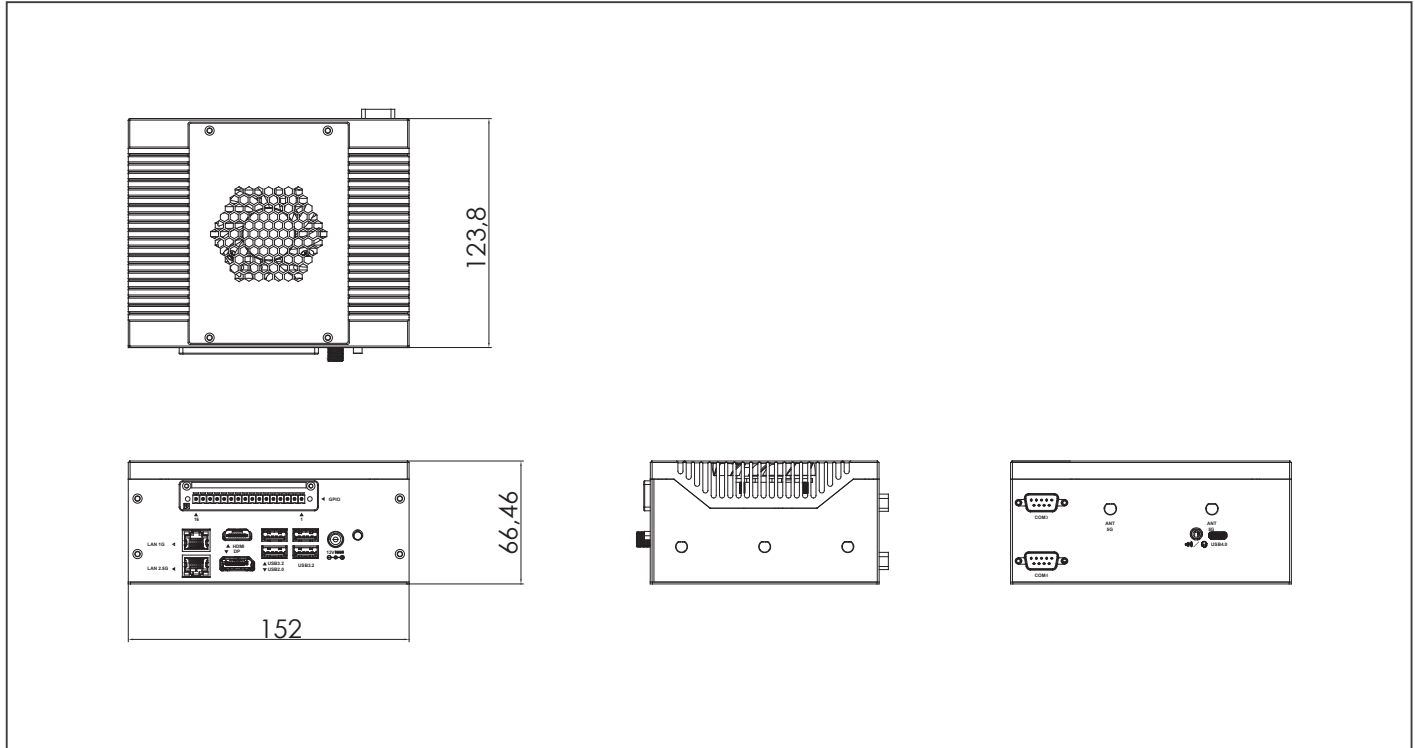


Specifications

System	
CPU	11th Gen Intel® Core™ Processor SoC Core i7-1185GRE Core i5-1145GRE Core i3-1115GRE Celeron® 6305E
Memory	DDR4 SO-DIMM Slot x 2 (up to 64GB 3200Mhz)
Graphics	Intel® Iris® Xe graphics
Storage	SATA CONN x 1 with POWER CONN M.2 2280 M Key NVMe(PCIe x2)
Ethernet	Intel® i2251T (TSN) x 1, Intel® i219 (vPRO) x 1
WiFi/BT	Optional
Audio	Realtek ALC888s x 1 (Mic /Line out)
USB	USB 3.2 Gen2 x 3 USB 2.0 x 1 (Type A) USB 4.0 via USB type C
Expansion Slot	M.2 2230 E-Key x 1 M.2 2280 M-Key x 1 M.2 3052 B-Key x 1 with SIM SATA3.0 with power connector x 1
I/O Placements	
Power	12V DC-in (Lockable plug)/ Phoenix connector
USB	USB3.2 Gen2 x 3 USB2.0 x 1 (Type A) USB4.0 via USB type C
Display Port	HDM 2.0 x 1 /DP 1.4 x 1 eDP x 1, 4K at 60hz panel
Ethernet	Intel® i2251T (TSN) x 1, Intel® i219 (vPRO) x 1
COM	RS232/422/485 x 2
Environment	
Power	12V (AT & ATX)
Form Factor	124mm x 152mm x 66.5mm
Gross Weight	GW: 2.3kg
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
Certification	CE,FCC Class A
OS Support	Windows 10 /IOT, Yocto 3.1, Ubuntu 20.04.02

Dimension

Unit: mm



Ordering Information

Part Number	CPU	Core	LAN	Memory	USB	COM Ports	Expansion Slot	GPIO	Display	Power	Operation Temp
UPX-EDGE-TGLi7-A10-0000	Intel Core i7-1185GRE	4	GbE x 2 (Intel i225 IT up to 2.5Gbps, Intel i219 up to 1Gbps)	SO-DIMM (Up to 3200Mhz, 64GB)	USB 3.2 Gen 2 x 3, USB 2.0 x 1, USB 4.0 x 1	2	M.2 2280 M key x 1, M.2 2230 E key x 1, M.2 3052 B key x 1, SATA 3 x 1, PCIe 4.0 x 1	16pin x 1	HDMI, DP, eDP, DP via USB type C	12V	32°F ~140°F (0°C ~ 60°C)
UPX-EDGE-TGLi5-A10-0000	Intel Core i5-1145GRE	4	GbE x 2 (Intel i225 IT up to 2.5Gbps, Intel i219 up to 1Gbps)	SO-DIMM (Up to 3200Mhz, 64GB)	USB 3.2 Gen 2 x 3, USB 2.0 x 1, USB 4.0 x 1	2	M.2 2280 M key x 1, M.2 2230 E key x 1, M.2 3052 B key x 1, SATA 3 x 1, PCIe 4.0 x 1	16pin x 1	HDMI, DP, eDP, DP via USB type C	12V	32°F ~140°F (0°C ~ 60°C)
UPX-EDGE-TGLi3-A10-0000	Intel Core i3-1115GRE	2	GbE x 2 (Intel i225 IT up to 2.5Gbps, Intel i219 up to 1Gbps)	SO-DIMM (Up to 3200Mhz, 64GB)	USB 3.2 Gen 2 x 3, USB 2.0 x 1, USB 4.0 x 1	2	M.2 2280 M key x 1, M.2 2230 E key x 1, M.2 3052 B key x 1, SATA 3 x 1, PCIe 4.0 x 1	16pin x 1	HDMI, DP, eDP, DP via USB type C	12V	32°F ~140°F (0°C ~ 60°C)
UPX-EDGE-TGLCR-A10-0000	Intel Celeron® 6305E	2	GbE x 2 (Intel i225 IT up to 2.5Gbps, Intel i219 up to 1Gbps)	SO-DIMM (Up to 3200Mhz, 64GB)	USB 3.2 Gen 2 x 3, USB 2.0 x 1, USB 4.0 x 1	2	M.2 2280 M key x 1, M.2 2230 E key x 1, M.2 3052 B key x 1, SATA 3 x 1, PCIe 4.0 x 1	16pin x 1	HDMI, DP, eDP, DP via USB type C	12V	32°F ~140°F (0°C ~ 60°C)

Packing List

- UPX-EDGE i11

Optional Accessories

- **1255X00032**
(TF)AC/DC Adapter.Input AC.100~240V.Output DC.12V.MAX 72W.6.0A.180D.W/LOCK.EDAC. EA10681U(120)
(Remark)
- **1255300960**
(TF)Power Adapter.100-240VAC~50/60Hz.12V/8A.96W.DC jack W/lock.FSP. FSP096-AHAN3/9NA0961403
(Use this adapter if select AI Core XM)
- **1702031802**
(TF)POWER CORD.3P-125V 10A 180D.1.8M.USA. FANJET.YP12/YC-12
- **1702031803**
(TF)POWER CORD.3P-250V 10A 180D.1.8M.VDE. FAN-JET.YP-22/YC-12
- **170203180E**
(TF)Power cord.3P.125V/7A.1.8M.PSE YP12/YC12 Certificate
- **9741364A00**
Wireless LAN Kit M.2 2230 802.11ac/a/b/g/n + BT4.0,2T2R,with 2 sets of cable & antenna (Enli,QCNFA364A)
- **9651926001**
(TF).M.2 2230 WiFi Kit.802.11ac.2.4G/5G,W/BT Intel.9260.NG.WG.NV,958867 w/2 cable & antenna
- **1702150155**
Power Cable.15P SATA(F).2P 2.0mm Housing(PH).15cm
- **1700070200**
SATA CABLE.7P 180D(F) w/lock.to 7P 90D(F) w/o lock SATA.20cm