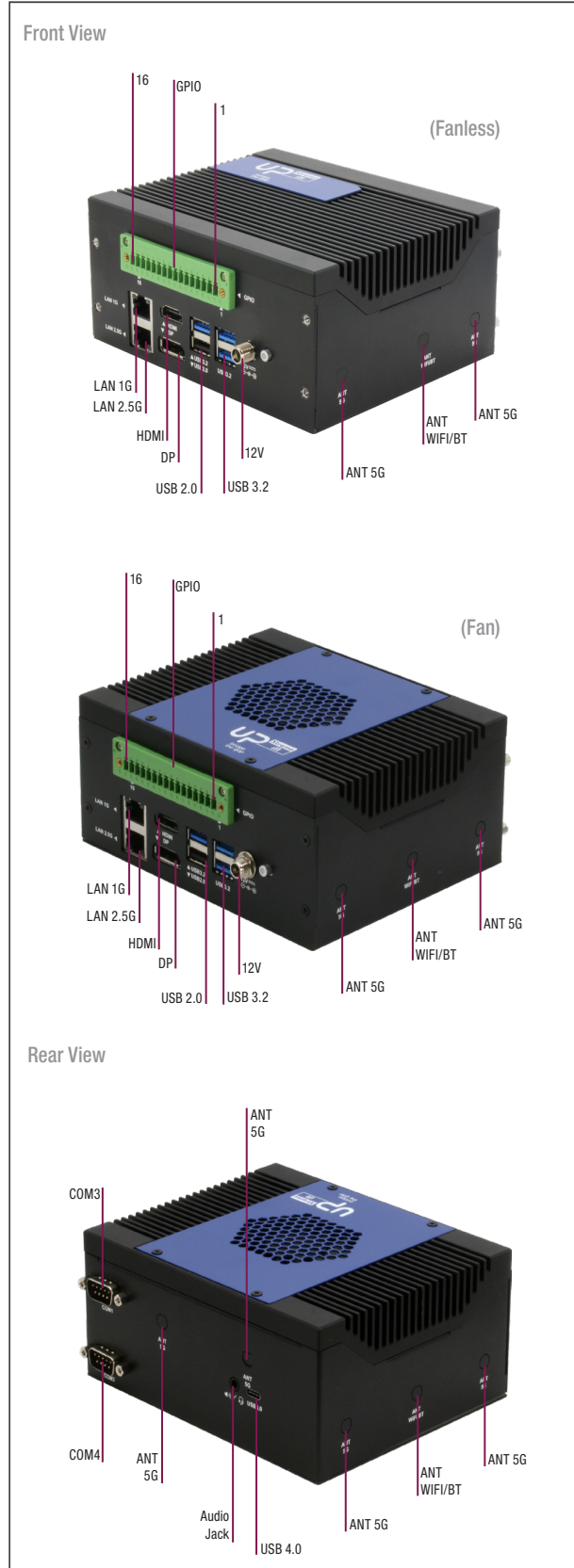


UP Xtreme i11 Edge

UP System powered by 11th Generation Intel® Core™ i7/i5/i3/Celeron® Processor SoC

UP Systems



Features

- 11th Generation Intel® Core™ i7/i5/i3/Celeron® Processor SoC
- DDR4 SODIMM Slot x 2 (up to 64GB)
- 16-pin GPIO Connector x 1
- SATA Storage
- M.2 2230 E-Key x 1 (Wi-Fi 6)
- M.2 2280 M-Key x 1 (AI)
- M.2 3052 B-Key x 1 (5G)
- USB 4.0
- 2.5GbE x 1, GbE x 1
- Fanless/Fan design available



Specifications

System	
CPU	11th Gen Intel® Core™/Celeron® Processor SoC Intel® Core™ i7-1185G7E Intel® Core™ i7-1185GRE Intel® Core™ i5-1145G7E Intel® Core™ i5-1145GRE Intel® Core™ i3-1115GRE Intel® Celeron® 6305E
Memory	DDR4 SODIMM Slot x 2 (up to 64GB)
Graphics	Intel UHD Intel® Iris® Xe graphics: i5/i7 sku with 128bit (dual channel) memory VPU: Halo-8™ M.2 2280 B+M key AI module via m.2 2280 (Optional by SKU from ordering information)
Storage	M.2 2280 M-Key x 1 for NVMe (PCIe x [2]) SATA 6Gb/s x 1
Ethernet	Intel® I225-IT x 1 Intel® I219 x 1 (Intel vPro®)
WiFi/BT	Optional via M.2 2230 E-Key x 1
Expansion Slot	40-pin GPIO x 1 M.2 2230 E-Key x 1 M.2 2280 M-Key x 1 M.2 3052 B-Key x 1 SATA 6Gb/s x 1 PCIe [x4] Slot
Security	Onboard TPM 2.0
OS Support	Microsoft Windows 10 and Windows IoT Linux Ubuntu 22.04 Linux Yocto 3.1
I/O Placements	
USB	USB 2.0 (Type-A) x 1 USB 3.2 Gen 2 (Type-A) x 3 USB 4.0 (Type-C) x 1
Display Port	HDMI 2.0 x 1 DP 1.4 x 1 (via USB Type-C) eDP x 1
Ethernet	RJ45 x 2
COM	RS232/422/485 x 2
Audio	Audio Jack x 1 (Mic-in+Line-out)
GPIO	16-pin terminal block connector x1
Power Supply	
Power requirement	12V DC-in (Lockable plug)
Power supply type	AT/ATX (ATX as default)
Power Consumption(Typical)	Balance: 32.4W, Max current: 66W
Mechanical	
Mounting	VESA Mount/Wall Mount (optional)
Dimensions (WxHxD)	5.98" x 4.88" x 2.62" (152mm x 123.9mm x 66.5mm)
Net Weight	2.76 lbs (1.25kg)
Gross Weight	3.68 lbs (1.67kg)
Environment	
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C) Fanless Sku memory and Storage requirement: DRAM Module : 0°C ~ 85°C, 2.5" SSD: -45°C ~ 85°C
Operating Humidity	0% ~ 90% relative humidity, non-condensing
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
MTBF	372,419 Hours
Certification	CE/FCC Class A, RoHS Compliant, REACH

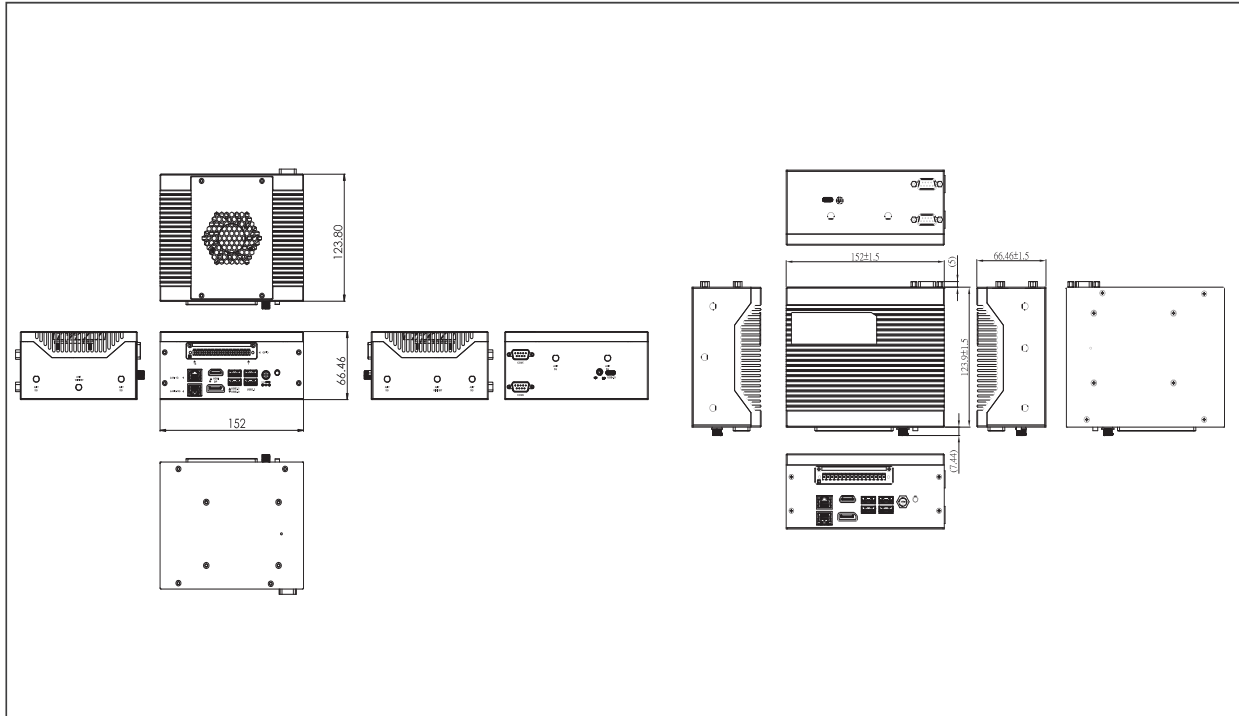
Note: All specifications are subject to change without notice.

UP Xtreme i11 Edge

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Dimension Unit: mm



Ordering Information

Part Number	CPU	Memory	Storage	Heatsink	VPU
UPX-EDGE-TGLCR-A10-0000	Intel® Celeron® 6305E	SO-DIMM	—	FAN	—
UPX-EDGE-TGLI3-A10-0000	Intel® Core™ i3-1115G7E	SO-DIMM	—	FAN	—
UPX-EDGE-TGLI5-A10-0000	Intel® Core™ i5-1145G7E	SO-DIMM	—	FAN	—
UPX-EDGE-TGLI5G7E-A10-0000	Intel® Core™ i5-1145G7E	SO-DIMM	—	FAN	—
UPX-EDGE-TGLI7-A10-0000	Intel® Core™ i7-1185G7E	SO-DIMM	—	FAN	—
UPX-EDGE-TGLI7G7E-A10-0000	Intel® Core™ i7-1185G7E	SO-DIMM	—	FAN	—
UPX-EDGEFL-TGLCR-A10-0000	Intel® Celeron® 6305E	SO-DIMM	—	FANLESS	—
UPX-EDGEFL-TGLI3-A10-0000	Intel® Core™ i3-1115G7E	SO-DIMM	—	FANLESS	—
UPX-EDGEFL-TGLI5-A10-0000	Intel® Core™ i5-1145G7E	SO-DIMM	—	FANLESS	—
UPX-EDGEFL-TGLI5G7E-A10-0000	Intel® Core™ i5-1145G7E	SO-DIMM	—	FANLESS	—
UPX-EDGEFL-TGLI7-A10-0000	Intel® Core™ i7-1185G7E	SO-DIMM	—	FANLESS	—
UPX-EDGEFL-TGLI7G7E-A10-0000	Intel® Core™ i7-1185G7E	SO-DIMM	—	FANLESS	—
UPX-EDGE-TGLI5-A10-16128-HALO	Intel® Core™ i5-1145G7E	16GB	128GB	FAN	Hailo-8™ M.2 2280 B+M key AI module via m.2 2280

Optional Accessories

Part Number	Description
1255X00032	(TF)AC/DC Adapter.Input AC.100-240V.Output DC.12V.MAX 72W.6.0A.180D.W/ LOCK.EDAC.EA10681U(120)
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
170X000799	(TF)POWER CORD.3P.125V 10A 180D.1.8M.USA.FANJET.YP12/YC-12 (for USA)
170X000800	(TF)POWER CORD.3P.250V 10A 180D.1.8M.VDE.FAN-JET.YP-22/YC-12 (for EU)
170X000803	(TF)Power cord.3P.125V/7A.1.8M.PSE YP12/YC12 Certificat (for Japan)
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.NGWG.NV.958867 w/2 cable & antenna

Packing List

- SATA cable
- SATA power cable
- UP Xtreme i11 EDGE

Note: All specifications are subject to change without notice.

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Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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