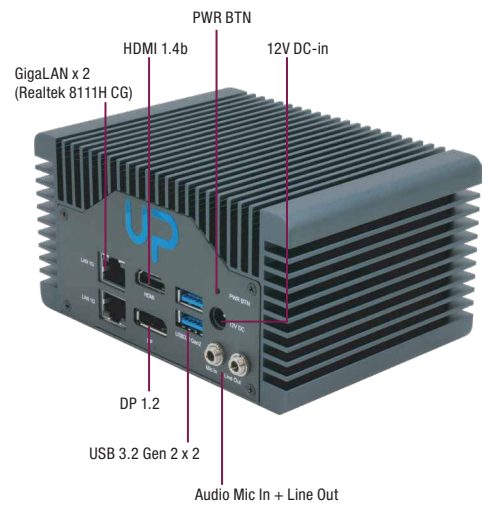


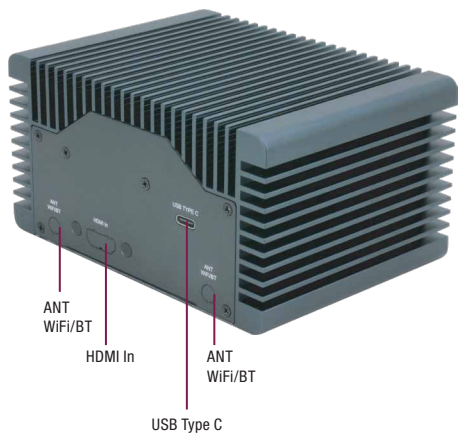
UP Squared i12 Edge

UP Squared i12 system with 12th generation Intel® Core™ i7/i5/i3/Celeron® Processor SoC (Alder Lake-P)

Front View



Rear View



Features

- 12th Generation Intel® Core™ i7/i5/i3/Celeron® Processor SoC
- Up to 16GB Onboard LPDDR5
- Up to 128GB Onboard SSD
- M.2 2230 E-Key/M.2 2280 M-Key/SATA III x 1
- 1GbE x 2
- HDMI 1.4b x 1, DP 1.2 x 1, DP 1.4a via USB Type-C x 1
- USB 3.2 x 3 (Type A x 2, Type C x 1)
- Audio Jack x 1 (Line out + Mic in)
- 12V DC-in
- TPM 2.0

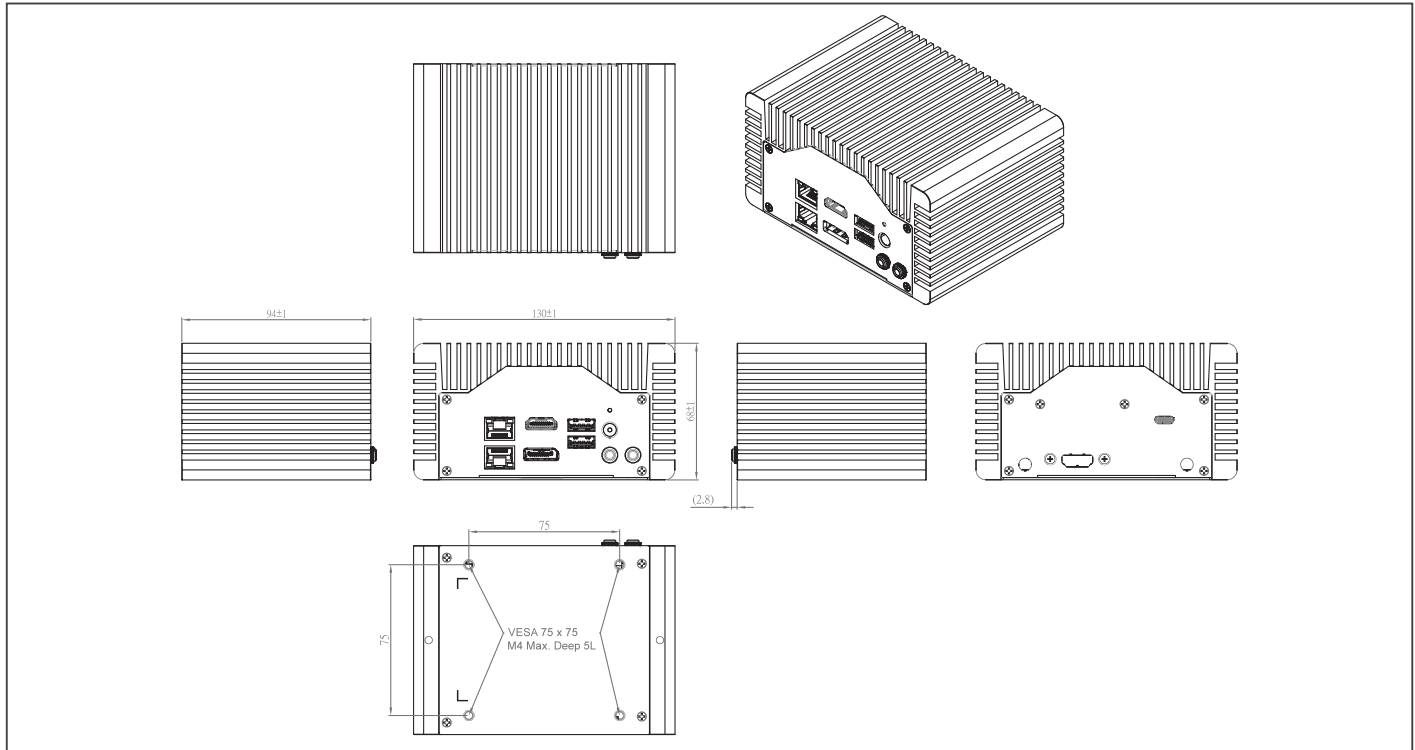


Specifications

System	
CPU	12th Gen Intel® Core™ Processor SoC Intel® Core™ i7-1270PE (28W) Intel® Core™ i7-1260P (28W) Intel® Core™ i5-1250PE (28W) Intel® Core™ i5-1240P (28W) Intel® Core™ i3-1220PE (28W) Intel® Celeron® Processor 7305E (15W)
Memory	Up to 16GB Onboard LPDDR5 (Single-Channel)
Graphics	Intel® UHD Graphics
Storage	Up to 128GB Onboard SSD M.2 2280 M-Key NVMe x 1 (PCIe Gen 4.0 [x4]) SATA III x 1
Ethernet	1GbE RJ45 x 2 (Dual Stacked) (Realtek 8111H CG)
WIFI/BT	Optional: M.2 2230 E-Key
Expansion Slot	M.2 2230 E-Key x 1 (CNVI & PCIe Gen 3.0 [x1]) M.2 2280 M-Key NVMe x 1 (PCIe Gen 4.0 [x4]) SATA III x 1
Security	Onboard TPM 2.0
OS Support	Windows® 10 IoT Enterprise Ubuntu 22.04 LTS Yocto 4
I/O Placements	
USB	USB 3.2 Gen 2 (Type A) x 2 USB 3.2 Gen2 (Type C) x 1
Display Port	HDMI 1.4b/DP 1.2 STACK Connector x 1 DP 1.4a x 1 (via USB Type-C)
Ethernet	1GbE RJ45 x 2 (Dual Stacked) (Realtek 8111H CG)
COM	—
Audio	Audio Jack (Line out + MIC in) x 1
GPIO	—
Power Supply	
Power requirement	12V DC-in
Power supply type	AT (default) /ATX
Power Consumption(Typical)	30W~36W
Mechanical	
Mounting	VESA Mount/Wall Mount(Optional)
Dimensions (WxHxD)	5.12" x 3.7" x 2.68" (130mm x 94mm x 68mm)
Net Weight	1.87 lbs (0.85kg)
Gross Weight	2.36 lbs (1.07kg)
Environment	
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C) / 0.5 airflow
Operating Humidity	0% ~ 90% relative humidity, non-condensing
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)
MTBF	522,716
Certification	CE/FCC Class A, RoHS Compliant, REACH

Dimension

Unit: mm



Ordering Information

PART NUMBER	CPU	CORE	MEMORY	Storage
UPS-EDGE-ADLPCR-A10-0864	Intel® Celeron® Processor 7305E	1P + 4E	8GB	64GB
UPS-EDGE-ADLPI3-A10-08128	Intel® Core™ i3-1220PE	4P + 4E	8GB	128GB
UPS-EDGE-ADLPI5-A10-08128	Intel® Core™ i5-1250PE	4P + 8E	8GB	128GB
UPS-EDGE-ADLPI7-A10-16128	Intel® Core™ i7-1270PE	4P + 8E	16GB	128GB
UPS-EDGE-ADLPI5C-A10-08128	Intel® Core™ i5-1240P	4P + 8E	8GB	128GB
UPS-EDGE-ADLPI7C-A10-16128	Intel® Core™ i7-1260P	4P + 8E	16GB	128GB

Optional Accessories

Part Number	Description
1255X00088	(TF)AC/DC Adapter.100-240VAC.120W.12VDC/10A.W/O Lock.DC plug 2.1*5.5*12mm .FSP.FSP120- AHAN3/9NA1206756
EP-CBPC125V3PUS	US Power Cord Plug 10A 125V Connector SP-305B+IS-14 SVT 18/3 60 0.75mm 1800±30mm cable length Black UL
EP-CBPC250V3PEU	EU Power Cord Plug 16A 250V Connector 10A 250V VDE H05VV-F 3G 0.75mm 1800±30mm cable length
EP-CBPC250V3PUK	UK Power Cord Plug 13A 250V 3X 0.75mm²1800±30mm cable length
RE-WFKIT-9260NVP	Intel 9260 Wifi Kit ,Intel® Wireless-AC 9260, 802.11AC, 2x2 AC+BT, M.2 2230, No vPro with 2X External Antennas & 2 X RF Cables and integrated Antennas

Packing List

- UP Squared i12 Edge