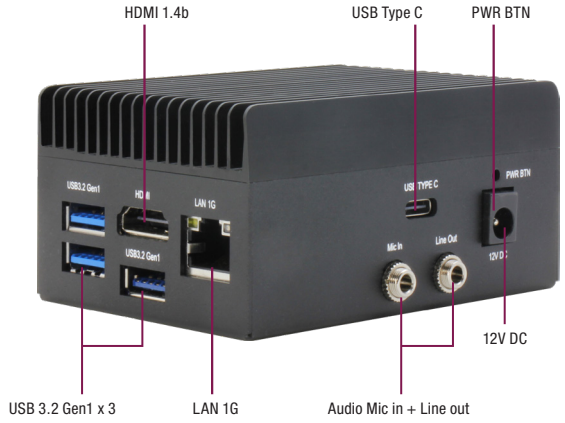
UP 4000 Edge

UP 4000 System with Intel® Pentium® N4200/ Celeron® N3350/ Atom® E3950 Processor SoC

Front View



Rear View



Features

- **Intel® Pentium® N4200/ Celeron® N3350/ Atom® E3950 Processor SoC**
- **Onboard LPDDR4 Memory up to 8GB**
- **Onboard eMMC Storage up to 64GB**
- **Dual displays up to 4K at 30Hz**
- **Gigabit LAN x 1, HDMI x 1, USB 3.2 Gen 1 (Type A) x 3**
- **Audio Jack x 1 (Line out + Mic in)**
- **12V DC-in, 5A**
- **TPM 2.0**

DDR 4 · USB 3.2 Gen 1 · HDMI · Audio · CE · FC

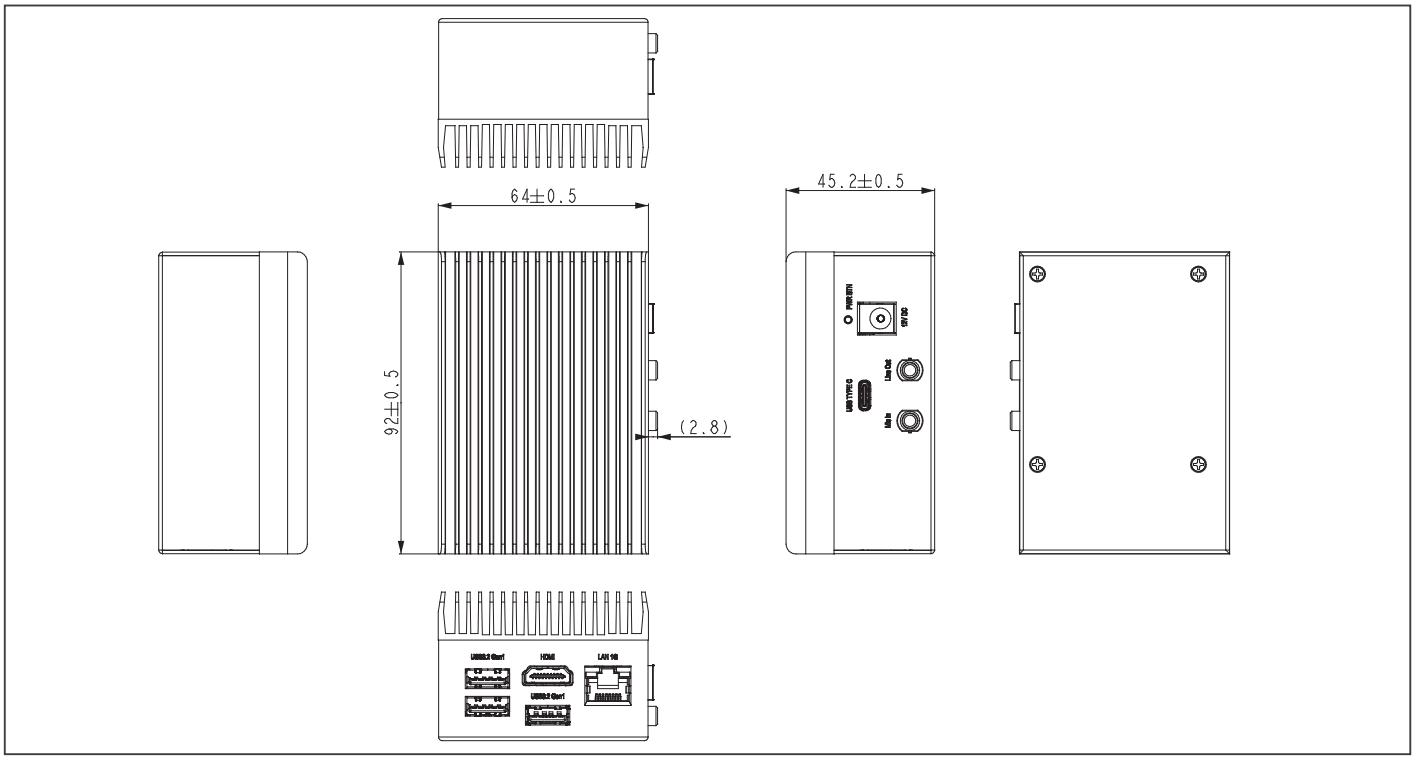
Specifications

System	
CPU	Intel® Celeron® Processor N3350 Intel® Pentium® Processor N4200 Intel Atom® x7-E3950
Memory	Up to 8GB onboard LPDDR4
Graphics	Intel® HD Graphics
Storage	Up to 64GB onboard eMMC
Ethernet	1GbE RJ-45 x 1 (Realtek RTL8111-CG)
WIFI/BT	—
Expansion Slot	—
Security	Onboard TPM 2.0
OS Support	Windows 10/11 (64-bit) Linux Ubuntu 22.04 Linux Yocto 4.0
I/O Placements	
USB	USB 3.2 Gen 1 (Type-A) x 3 USB 3.0 OTG (via USB Type-C) x1
Display Port	HDMI 1.4b x 1 DP x 1 (via USB Type-C)
Ethernet	RJ45 x1
COM	—
Audio	Audio wafer x 1 (Mic-in+Line-out)
GPIO	—
Power Supply	
Power requirement	12V DC-in
Power supply type	AT/ATX (AT as default)
Power Consumption (Typical)	19W~25W
Mechanical	
Mounting	VESA Mount (optional) / WallMount (optional) / DIN Rail (optional)
Dimensions (WxHxD)	3.62" x 2.52" x 1.78" (92mm x 64mm x 45.2mm)
Net Weight	0.64lb (0.29kg)
Gross Weight	1.21lb (0.55kg)
Environment	
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C) with air flow 0.5m/s
Operating Humidity	10% ~ 80% relative humidity, non-condensing
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)
MTBF	538,629 hrs @ 30°C
Certification	CE/FCC Class A, RoHS Compliant, REACH

Note: All specifications are subject to change without notice.

Dimension

Unit: mm



Ordering Information

Part number	CPU	Memory	Storage	TPM 2.0	Gbe	LAN	Audio wafer
UP-EDGE-APL03C2F-A10-0232	Apollo Lake N3350(F1)	2GB	32GB	yes	Realtek	RTL8111H	yes
UP-EDGE-APL03C2F-A10-0432	Apollo Lake N3350(F1)	4GB	32GB	yes	Realtek	RTL8111H	yes
UP-EDGE-APL03P4F-A10-0432	Apollo Lake N4200(F1)	4GB	32GB	yes	Realtek	RTL8111H	yes
UP-EDGE-APL03P4F-A10-0864	Apollo Lake N4200(F1)	8GB	64GB	yes	Realtek	RTL8111H	yes
UP-EDGE-APL03X7F-A10-0464	Apollo Lake E3950(F1)	4GB	64GB	yes	Realtek	RTL8111H	yes

Packing List

- **UP 4000 Edge**

Optional Accessories

Part Number	Description
1255X00114	(TF)AC/DC Adapter.12V.65W.5.42A.MEANWELL.NGE65I12-P1J.Wallmount.W/O AC PLUG
9741364A00	(TF).M.2 2230 Wireless.802.11 ac/a/b/g/n + BT 5.0.2T2R,Enli QCNFA364A.w/2 sets of cable and antenna
9651926001	(TF).M.2 2230 WiFi Kit.802.11ac.2.4G/5G,W/BT Intel.9260.NGWG. NV,958867 w/2 cable & antenna
9689Y00122	(TF).AC PLUG.5 keys.EU/US/UK/AU/CN.MEANWELL.AC PLUG-MIX4
UP-MNT-A10-0000	Wallmount+DinRail Kit for UP4000Edge/UP7000Edge
9651UPED00	(TF).VESA kit.UP4000-EDGE, A.1