

UP 4000 Edge

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

Front View



Rear View



Features

- Intel® Pentium® N4200/ Intel® Celeron® N3350/ Intel 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

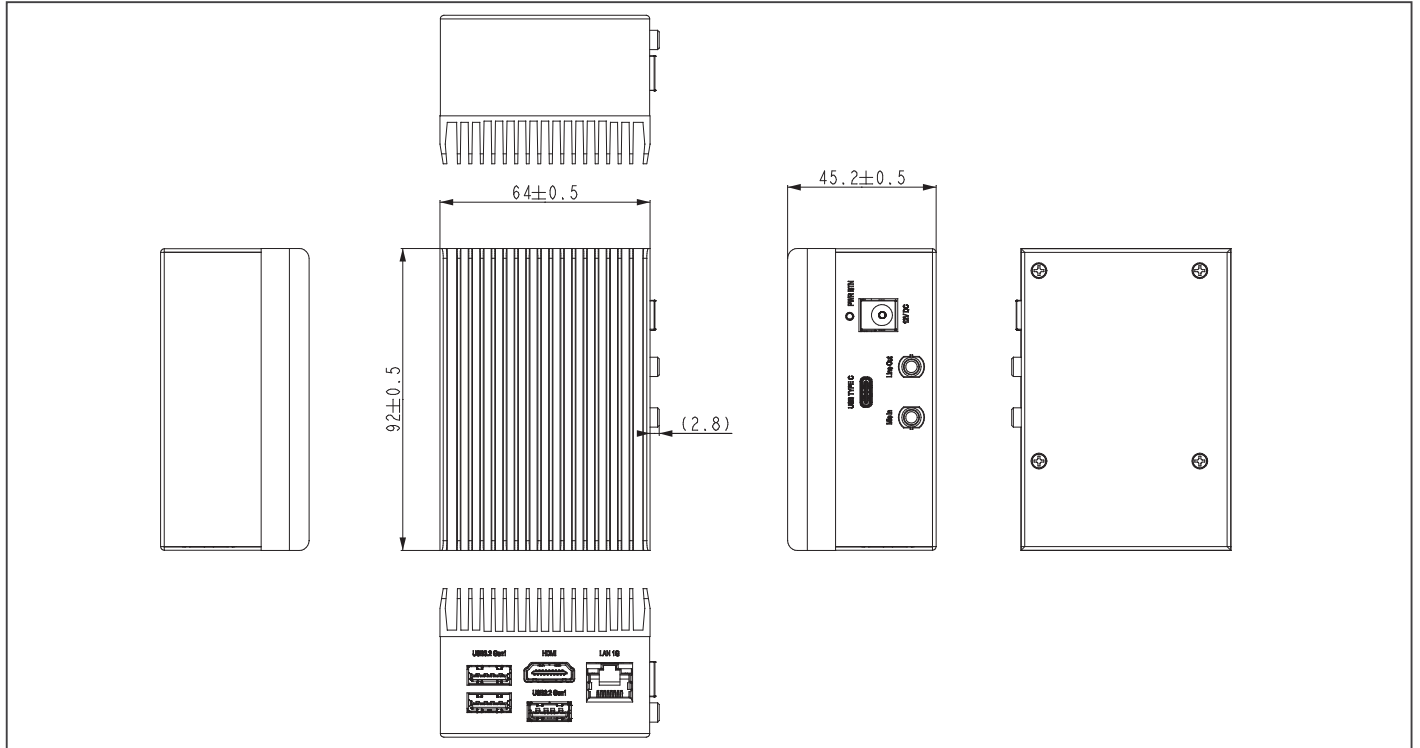


Specifications

System	
CPU	Intel® Pentium® N4200/ Intel® Celeron® N3350/ Intel Atom® E3950
Memory	Onboard LPDDR4 Memory up to 8GB
Graphics	Intel® Gen 9 HD, supporting 4K Codec Decode and Encode for HEVC4, H.264,VP8
Storage	Onboard eMMC Storage up to 64GB
Ethernet	Gb Ethernet (full speed) RJ-45 x 1
WiFi/BT	—
Expansion Slot	—
Security	TPM 2.0
OS Support	Microsoft Windows 10 (full), Windows IoT Core Yocto project 3.1 Kernel 5.4 Ubuntu 18.04
I/O Placements	
USB	USB 3.2 Gen1 Type A x 3 USB 3.2 Gen1 Type C x 1, supports OTG
Display Port	HDMI 1.4b DP 1.2 via USB Type C
Ethernet	RJ45 x1
COM	—
Audio	Line out x 1 Mic in x 1
GPIO	—
POWER Supply	
Power requirement	12V DC-in @5A
Power supply type	DC Jack, 5.5-2.1mm /phoenix co-lay
Power Consumption (Typical)	12V @ 1.25A (15Watt)
MECHANICAL	
Mounting	VESA MOUNTING
Dimensions (WxHxD)	3.62" x 2.52" x 1.78" (92 x 64 x 45.2 mm)
Net Weight	0.64lb (290g)
Gross Weight	1.21lb (549g)
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

Dimension

Unit: mm



Ordering Information

Part number	CPU	Memory	Storage	TPM 2.0	Gbe	LAN	Audio wafer
UP-EDGE-APL03C2F-A10-0432	Apollo Lake N3350(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
EP-PS12V5A60WFJ	12V@5A Power Supply
EP-CBPC250V3PEU	EU Type Power Cord Plug 1800±30mm
EP-CBPC250V3PUK	UK Type Power Cord Plug 1800±30mm
EP-CBPC125V3PUS	US Type Power Cord Plug 1800±30mm
9651UPED00	(TF).VESA kit.UP4000-EDGE, A.1