

UP TWL Edge PRELIMINARY

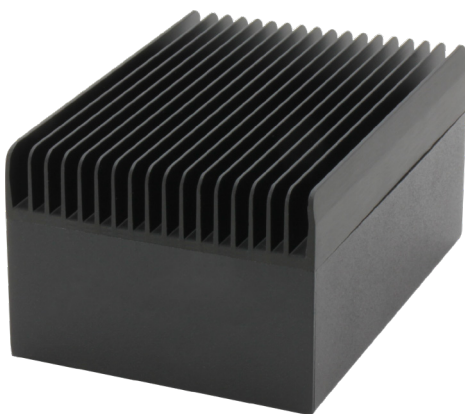


UP TWL System with Intel® Processor N-series Processor (formerly Twin Lake)

Front View



Rear View



Features

- Intel® Processor N-series
- Onboard LPDDR5 Memory, up to 8GB
- Onboard eMMC Storage, up to 64GB
- 1Gigabit LAN x 1
- HDMI 1.4b x 1
- USB 3.2 Gen 2 (Type-A) x 3
- 12V DC-in, 5A
- TPM 2.0



Specifications

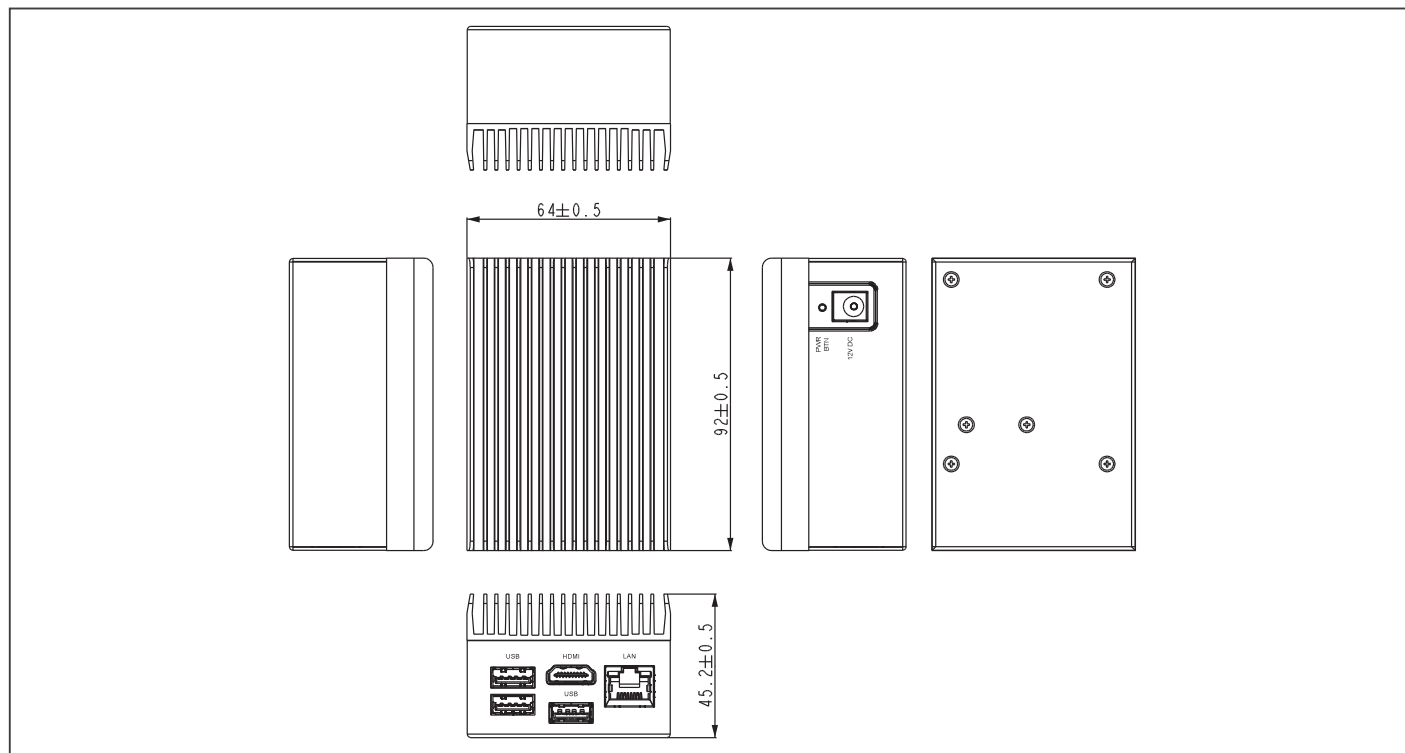
System	
CPU	Intel® Core™ 3 Processor N355 Intel® Processor N250 Intel® Processor N150 (formerly Twin Lake)
Memory	Up to 8GB LPDDR5
Graphics	Intel® UHD Graphics for 12th Gen Intel® Processors
Storage	Up to 64GB eMMC
Ethernet	1GbE RJ-45 x 1 (Realtek RTL8111H CG)
WiFi/BT	—
Expansion Slot	HDMI 1.4b/USB 3.2 Gen 2 STACK Connector x 1 (Type-A) Power Button x 1
Security	Onboard TPM 2.0
OS Support	Windows 10 LTSC 2021 Linux: Ubuntu 22.04 LTS/Kernel 5.15, Yocto 4.0
I/O Placements	
USB	USB 3.2 Gen 2 (Type-A) x 3
Display Port	HDMI 1.4b x 1
Ethernet	1GbE RJ-45 x 1 (Realtek RTL8111H CG)
COM	—
Audio	—
GPIO	—
Power Supply	
Power requirement	12V DC-in, 5A
Power supply type	AT/ATX (ATX as default)
Power Consumption (Typical)	30W~36W
Mechanical	
Mounting	VESA Mount (optional)
Dimensions (WxHxD)	3.62" x 2.52" x 1.78" (92mm x 64mm x 45.2mm)
Net Weight	0.68 lbs (0.31kg)
Gross Weight	1.04 lbs (0.47kg)
Environment	
Operating Temperature	32°F ~ 131°F (0°C ~ 55°C) with 0.5m/s air flow
Operating Humidity	10% ~ 80% relative humidity, non-condensing
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)
MTBF	685,218 Hours
Certification	CE/FCC Class A, RoHS Compliant, REACH





Dimension

Unit: mm



Ordering Information

Part Number	CPU	Core	Memory	Storage
UP-EDGE-TWLN150-A10-0864	Intel® Processor N150	4	8GB	64GB

Optional Accessories

Part Number	Description
125530060L	PowerAdapter (TF)PowerAdapter.DC.100/240V.12V.5A.60W.Powertronic.PS1065-120IB500.
170010015G	(TF)USB Cable.10P 1.0mm Housing.USB A(F). 15cm
UP-EDGE-APL03-VESA-A01	UP 4000 EDGE VESA kit

Packing List

- UP TWL Edge

