UP 7000 Edge

UP 7000 System with Intel® Processor N-series Processor (formerly Alder Lake N)

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

LPDDR 5 · USB 3.2 Gen 2 · HDMI · Audio · CE · FC

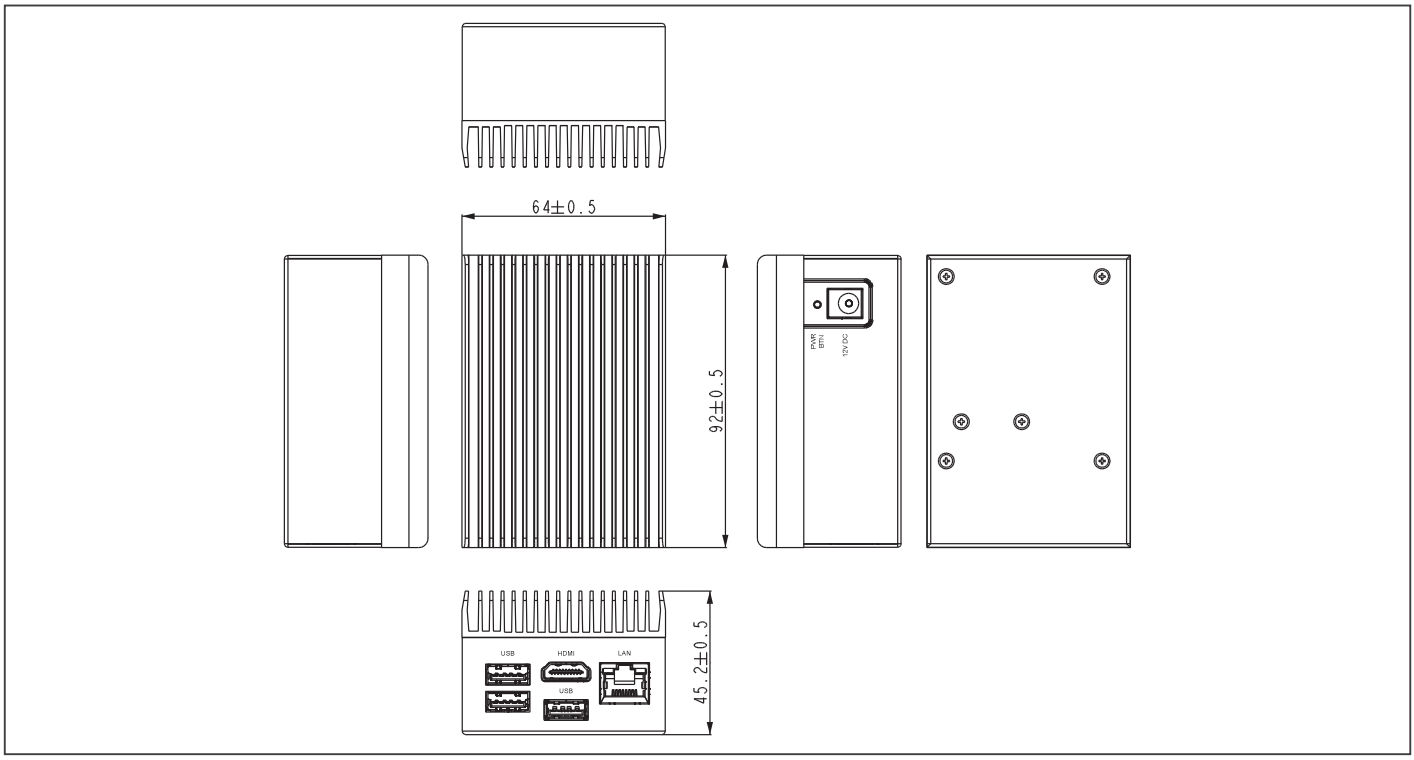
Specifications

System	
CPU	Intel® Processor N200 Intel® Processor N97 Intel® Processor N100 Intel® Processor N50 (formerly Alder Lake-N)
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 10/11 (64-bit) 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)/Wallmount (optional) / DIN Rail (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

Note: All specifications are subject to change without notice.

Dimension

Unit: mm



Ordering Information

Part Number	CPU	Core	Memory	Storage
UP-EDGE-ADLN50-A10-0432-A11	Intel® Processor N50	2	4GB	32GB
UP-EDGE-ADLN100-A10-0432-A11	Intel® Processor N100	4	4GB	32GB
UP-EDGE-ADLN100-A10-0864-A11	Intel® Processor N100	4	8GB	64GB
UP-EDGE-ADLN97-A10-0864-A11	Intel® Processor N97	4	8GB	64GB
UP-EDGE-ADLN200-A10-0864-A11	Intel® Processor N200	4	8GB	64GB
UP-EDGE-ADLN97-A10-0432-A11	Intel® Processor N97	4	4GB	32GB
UP-EDGE-ADLNX25E-A10-0864-A11	Intel Atom® x7425E	4	8GB	64GB

Optional Accessories

Part Number	Description
1255X00114	(TF)AC/DC Adapter.12V.65W.5.42A.MEANWELL.NGE65I12-P1J.Wallmount.W/O AC PLUG
170010015G	(TF)USB Cable.10P 1.0mm Housing.USB A(F). 15cm
9689Y00122	(TF).AC PLUG.5 keys.EU/US/UK/AU/CN.MEANWELL..AC PLUG-MIX4
9651UPED00	(TF).VESA kit.UP4000-EDGE
UP-MNT-A10-0000	Wallmount+DinRail Kit for UP4000Edge/UP7000Edge

Packing List

- **UP 7000 Edge**