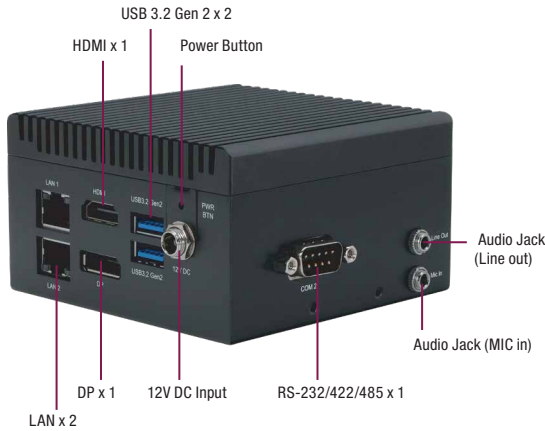


UP Squared 7100 Edge

UP Squared 7100 edge system with Intel® Processor N-series SoC



Front View



Rear View



Features

- Intel® Processor N-series SoC
- Onboard LPDDR5 Memory up to 16GB
- Onboard eMMC Storage up to 128GB
- Gb Ethernet (full speed) RJ-45 x 2
- USB 3.2 Type A x 3
- DP 1.2 / HDMI 2.0b / eDP 1.3
- RS232/422/485 x 2
- M.2 2230 E-Key x 1
- M.2 2280 M-Key x 1
- TPM 2.0
- 12V DC-in



Specifications

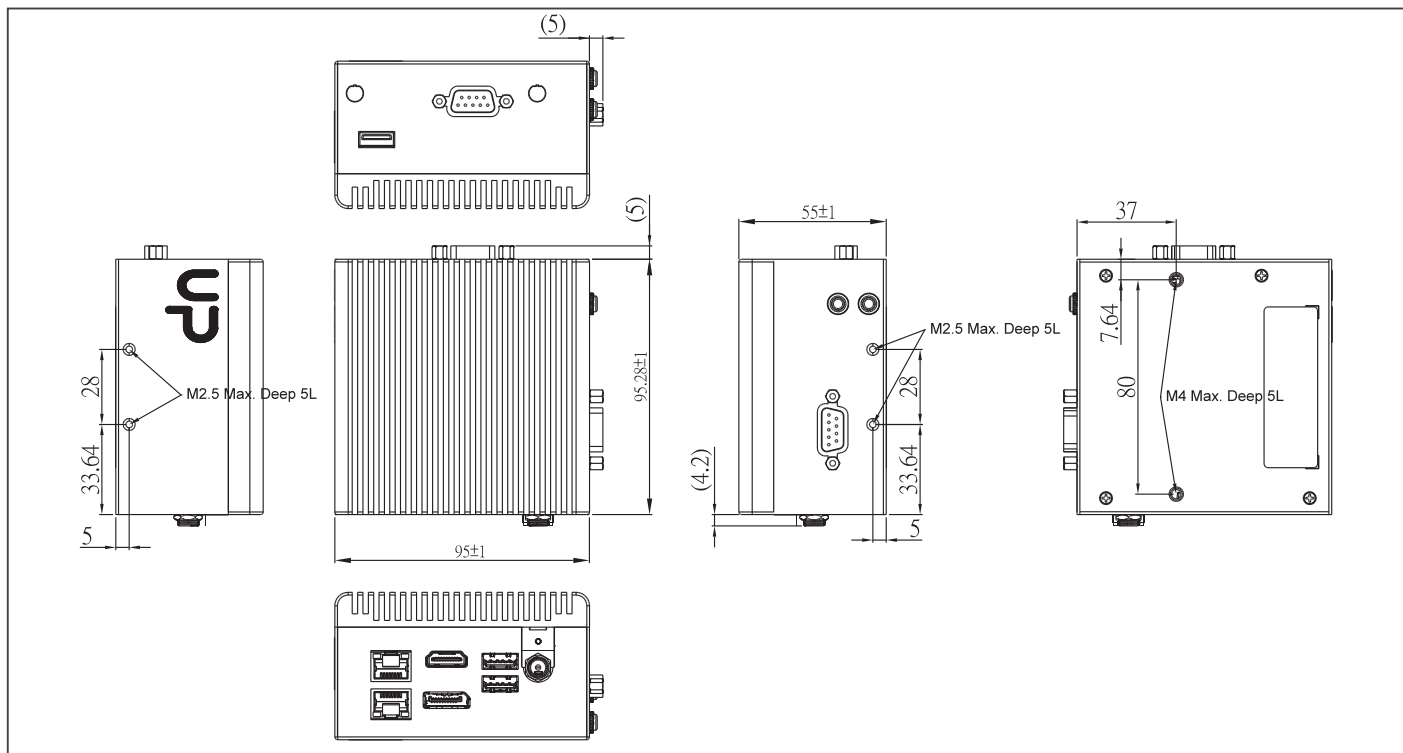
System	
CPU	Intel® Processor N97 Intel® Processor N100
Memory	Up to 16GB LPDDR5
Graphics	Intel® UHD Graphics for 12th Gen Intel® Processors
Storage	Up to 128GB eMMC
Ethernet	Gb Ethernet (full speed) RJ-45 x 2
WiFi/BT	Optional with M.2 2230 E-key x 1
Expansion Slot	M.2 2230 E-Key x 1 (PCIe x1, USB2.0 x1) M.2 2280 M-key x 1 (PCIe x2)
Security	Onboard TPM 2.0
OS Support	Microsoft Windows 10/11 Ubuntu 22.04 LTS Yocto 5.1
I/O Placements	
USB	USB 2.0 x 2 (via 10 Pin Header x 1) USB 3.2 Gen 2 x 3 (Type-A)
Display Port	HDMI 2.0b x 1 DP 1.2 x 1
Ethernet	Gb Ethernet (full speed) RJ-45 x 2
COM	RS-232/422/485 x 2
Audio	Line out x 1 Mic in x 1
GPIO	—
Power Supply	
Power requirement	12V DC-in, 5A
Power supply type	AT/ATX
Power Consumption (Typical)	15W~37W
Mechanical	
Mounting	VESA Mounting
Dimensions (WxHxD)	3.74" x 3.74" x 2.16" (95 x 95 x 55 mm)
Net Weight	0.99lb (450g)
Gross Weight	1.32lb (600g)
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	1,224,238
Certification	CE/FCC Class A, RoHS Compliant, REACH



UP Squared 7100 Edge

Dimension

Unit: mm



Ordering Information

Part number	CPU	Memory	Storage
UPS-EDGE-ASLN100-A10-0432	Intel® Processor N100	4GB	32GB
UPS-EDGE-ASLN100-A10-0864	Intel® Processor N100	8GB	64GB
UPS-EDGE-ASLN97-A10-0432	Intel® Processor N97	4GB	32GB
UPS-EDGE-ASLN97-A10-0864	Intel® Processor N97	8GB	64GB
UPS-EDGE-ASLN97-A10-16128	Intel® Processor N97	16GB	128GB

Optional Accessories

Part Number	Description
EP-PS12V6A72WFJ	12V 6A 72W Power Supply. Cable Length 1200mm DC Jack: 5.5x2.5mm Lock Type FJ-SW20251206000
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-CBPC250V3PUK	UK Power Cord Plug 13A 250V 3X 0.75mm*1800±30mm cable length
EP-CBPC250V3PEU	EU Power Cord Plug 16A 250V Connector 10A 250V VDE H05VV-F 3G 0.75mm 1800±30mm cable length

Packing List

- UP Squared 7100 Edge

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[UPS-EDGE-ASLN100-A10-0864](#) [UPS-EDGE-ASLN100-A10-0432](#)