

UP Squared V2 Edge

UP Squared V2 System with Intel® Pentium® Celeron® Processor SoC

Front View



Rear View



Features

- Intel® Pentium® Celeron® Processor SoC
- Onboard LPDDR4 Memory up to 16GB
- Onboard eMMC Storage up to 64GB
- Gb Ethernet (full speed) RJ-45 x 2
- USB 3.2 Type A x 3
- DP 1.2 / HDMI 1.4b
- COM x 1
- Audio Jack (Line out x 1 + Mic in x 1)
- M.2 2230 E-Key x 1
- M.2 2280 M-Key x 1
- SATA3 x 1
- TPM 2.0
- 12V DC-in, 5A

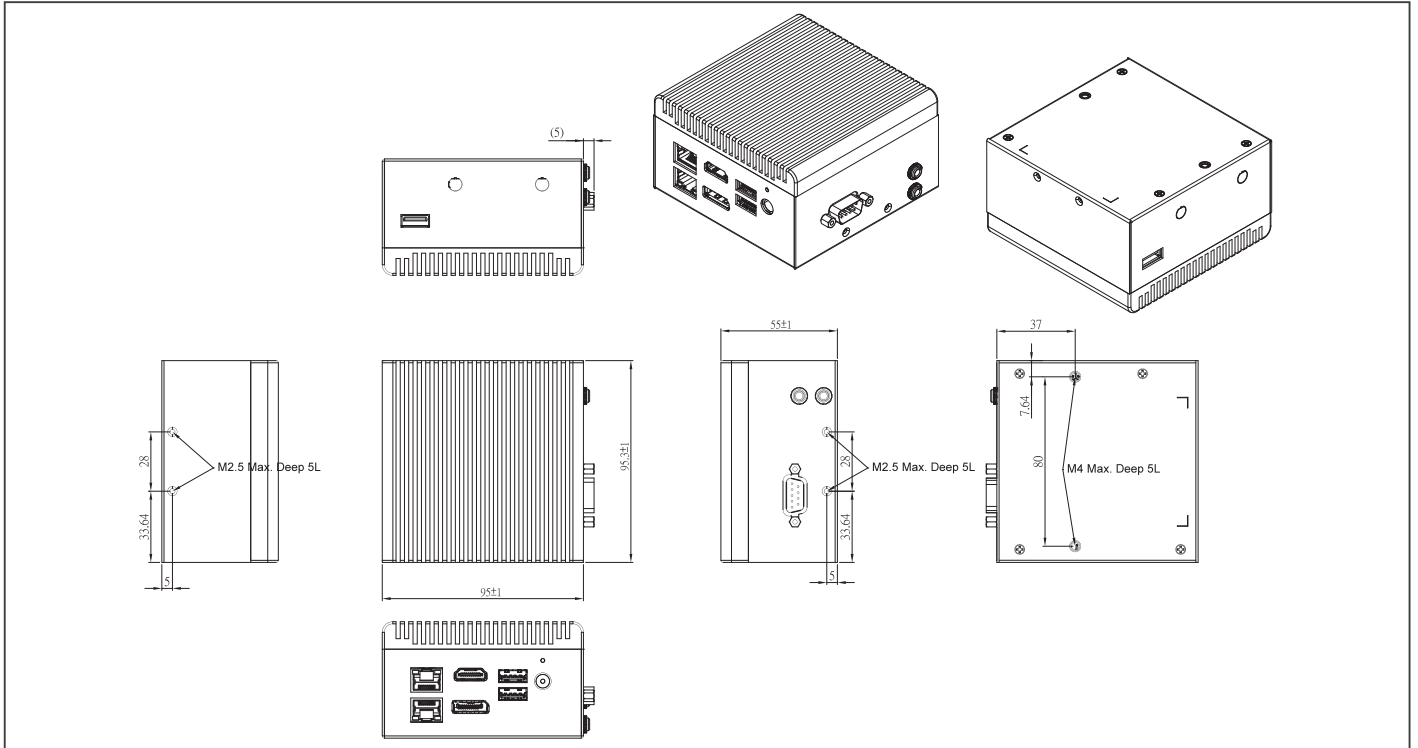


Specifications

System	
CPU	Intel® Celeron® N6210 Pentium® J6426 Processor SoC
Memory	Up to 16GB LPDDR4
Graphics	Intel® UHD Graphics
Storage	Up to 64GB eMMC
Ethernet	Gb Ethernet (full speed) RJ-45 x 2
WiFi/BT	—
Expansion Slot	M.2 2230 E-Key x 1 (PCIe x2, USB2.0 x1) M.2 2280 M-key x 1 (PCIe x2) SATA3 x 1
Security	Onboard TPM 2.0
OS Support	Microsoft Windows 10 (full) Windows IOT Core Ubuntu 20.04 LTS Yocto 3.1
I/O Placements	
USB	USB 2.0 x 2 (from 10 pin wafer x 1) USB 3.2 Gen 2 Type A x 3
Display Port	HDMI 1.4b x 1 DP 1.2 x 1
Ethernet	Gb Ethernet (full speed) RJ-45 x 2
COM	RS-232/422 x 1
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)	30~38W
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	465,586
Certification	CE/FCC Class A, RoHS Compliant, REACH

Dimension

Unit: mm



Ordering Information

Part Number	CPU	Memory	Storage
UPS-EDGE-EHLCN2-A10-0232	N6210	2GB	32GB
UPS-EDGE-EHLPJ4-A10-0432	N6210	4GB	32GB

Optional Accessories

Part Number	Description
EP-PS12V5A60WFJ	12V5A 60W Power Supply, non-lockable
RE-WFKIT-9260NVP	Intel 9260 Wifi Kit ,Intel® Wireless-AC 9260, 802.11AC, 2x2 AC+BT, M.2 2230, No vPro with 2X External Antennas & 2 X RF Cables

Packing List

- UP Squared V2 Edge