

UP Xtreme PTL Edge **PRELIMINARY**

UP Xtreme PTL system with Intel® Core Ultra Series 3 Processor SoC



Features

- Intel® Core Ultra Series 3 Processors
- DDR5 7200 Dual Channel SODIMM x 2 Max. 64GB
- Up to 4 Simultaneous Displays
- M.2 2280 M-Key x 2
- M.2 2230 E-Key x 1 (Wi-Fi/BT)
- 2.5GbE x 2
- USB 3.2 Gen 2 (Type-A) x 2, USB 4.0 (Type-C) x 2
- Onboard TPM 2.0
- Wide DC Input 19-36V



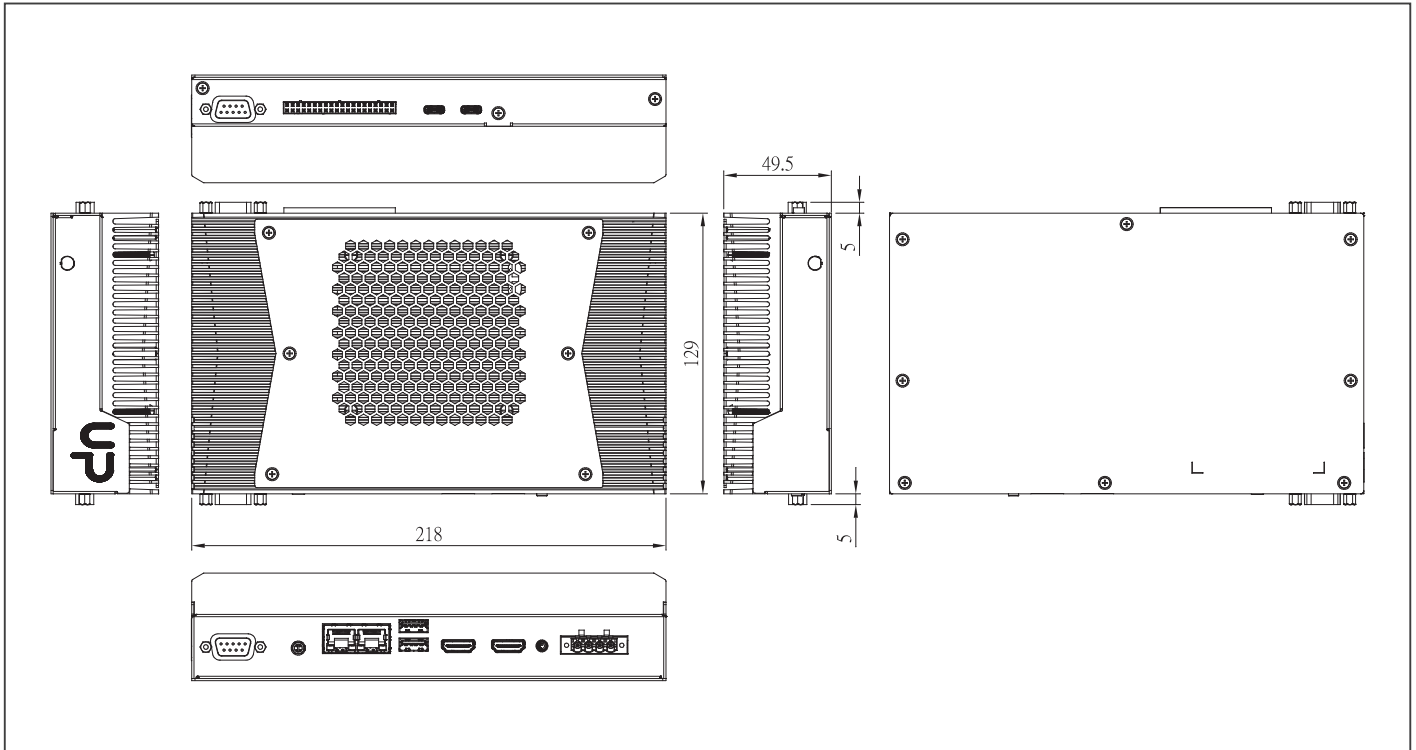
Specifications

System	
CPU	Intel® Core™ Ultra 7 processor 358H (4.8 GHz) Intel® Core™ Ultra 5 processor 338H (4.7 GHz)
Memory	DDR5 7200 Dual Channel SODIMM x 2 Max. 64GB
Graphics	Intel® Xe Graphics
Storage	M.2 2280 M-Key x 2
Ethernet	2.5GbE x 2 (via Intel® Ethernet Controller I226-IT)
WIFI/BT	M.2 2230 E-key x 1
Expansion Slot	40-pin GPIO x 1 M.2 2230 E-Key x 1 (PCIe Gen 3 [x1], USB 2.0) M.2 2280 M-Key x 2 (PCIe Gen 4 [x4])
Security	Onboard TPM 2.0
OS Support	Windows 11 IoT Enterprise Ubuntu 24.04 LTS
I/O Placements	
USB	USB 3.2 Gen 2 (Type-A) x 2 USB 4.0 (Type-C) x 2
Display Port	HDMI 2.1 x 2 DP 1.4 x 2 via USB4.0 Type-C eDP x 1
Ethernet	2.5GbE x 2 (via Intel® Ethernet Controller I226-IT),
COM	RS-232/422/485 10-pin header x 2
Audio	Audio Jack x 1 (Mic-in+Line-out)
GPIO	40-pin GPIO x 1
Power Supply	
Power requirement	19-36V DC-in
Power supply type	AT/ATX
Power Consumption(Typical)	TBD
Mechanical	
Mounting	VESA Mount/Wallmount(optional)
Dimensions (WxHxD)	5.98" x 4.87" x 2.81" (152mm x 123.8mm x 71.5mm)
Net Weight	TBD
Gross Weight	TBD
Environment	
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C), 0.5m/s airflow
Operating Humidity	0% ~ 90% relative humidity, non-condensing
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
MTBF	TBD
Certification	CE/FCC Class A, RoHS Compliant, REACH



Dimension

Unit: mm



Ordering Information

- TBD

Optional Accessories

- TBD

Packing List

- UP Xtreme PTL Edge