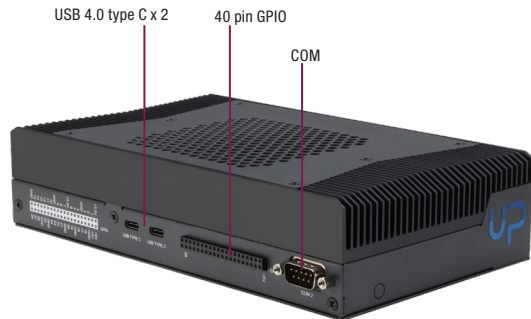
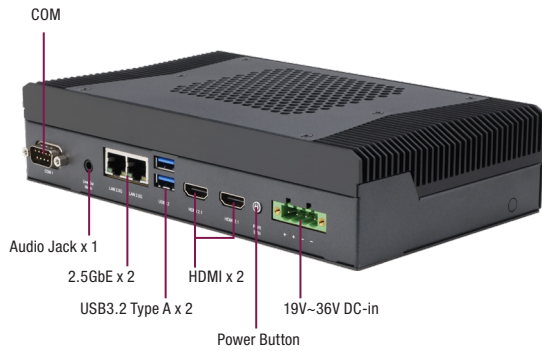


UP Xtreme PTL Edge

UP Xtreme System with Intel® Core Ultra Series 3 Processors



Features

- Intel® Core Ultra Series 3 Processors
- DDR5 6400 MHz, Dual Channel SODIMM x 2, up to 128GB
- 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



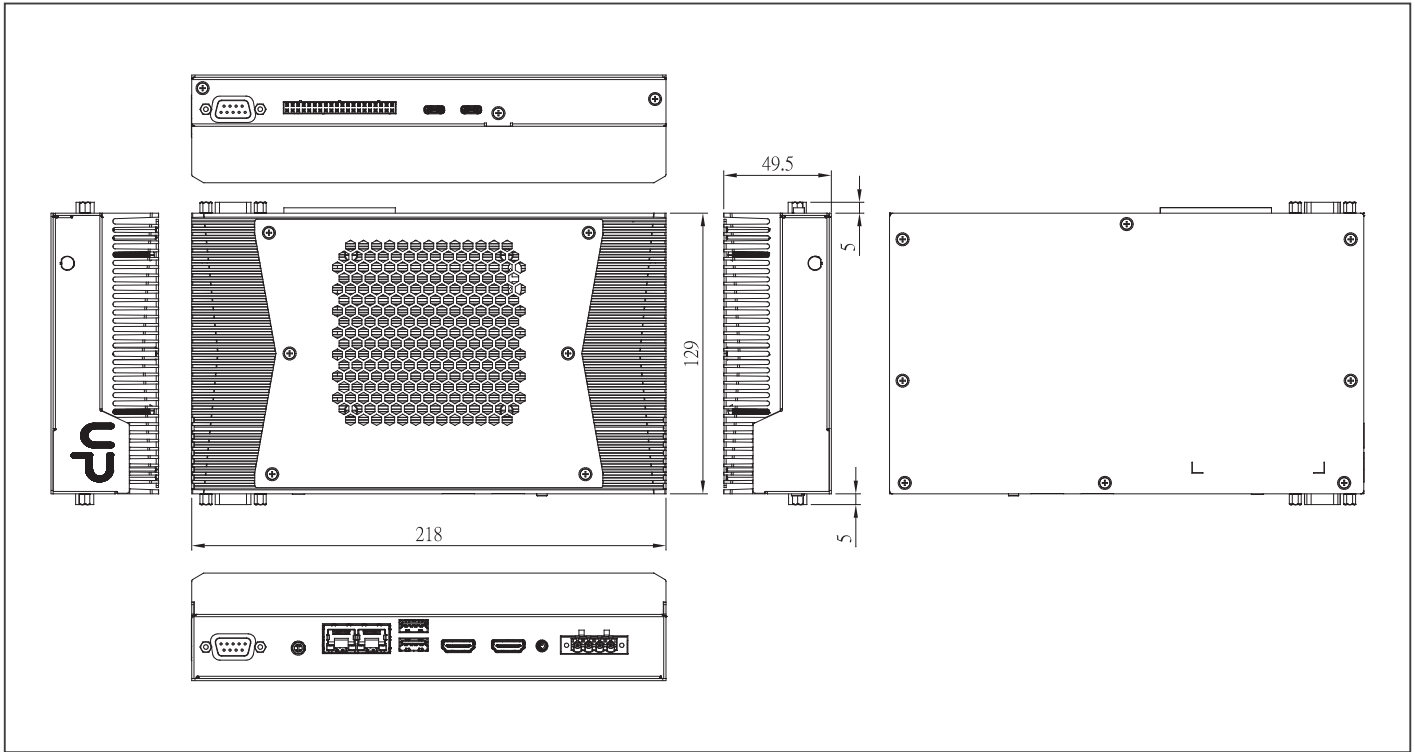
Specifications

System	
CPU	Intel® Core™ Ultra 5 processor 325 (12M Cache, up to 4.50 GHz) Intel® Core™ Ultra 7 processor 356H (18M Cache, up to 4.70 GHz) Intel® Core™ Ultra X7 processor 358H (18M Cache, up to 4.80 GHz)
Memory	DDR5 6400 MHz, Dual Channel SODIMM x 2, up to 128GB
Graphics	Intel® Core™ Ultra 5 processor 325 - Intel® Graphics Intel® Core™ Ultra 7 processor 356H - Intel® Graphics Intel® Core™ Ultra X7 processor 358H - Intel® Arc™ B390 GPU
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 4 [x1], USB 2.0) M.2 2280 M-Key x 2 (PCIe Gen 4 [x4], PCIe Gen 5 [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 2.1 x 2 via USB 4.0 Type-C
Ethernet	2.5GbE x 2 (via Intel® Ethernet Controller I226-IT)
COM	RS-232/422/485 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)	8.6" x 5.1" x 2" (218mm x 129mm x 49.5mm)
Net Weight	3.13 lb (1.42Kg)
Gross Weight	4.23 lb (1.92 Kg)
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

Part Number	CPU	Core	Thermal Solution
UPX-PTL01-SYS-A10-325-0000	Intel® Core™ Ultra 5 processor 325 (12M Cache, up to 4.50 GHz)	4P+0E+4LPE	Active Cooler
UPX-PTL01-SYS-A10-356H-0000	Intel® Core™ Ultra 7 processor 356H (18M Cache, up to 4.70 GHz)	4P+8E+4LPE	Active Cooler
UPX-PTL01-SYS-A10-358H-0000	Intel® Core™ Ultra X7 processor 358H (18M Cache, up to 4.80 GHz)	4P+8E+4LPE	Active Cooler

Optional Accessories

Part Number	Description
1255X00112	(TF)AC/DC Adapter.20V.180W.9A.4P phoenix 5.08mm.FSP.FSP180-ACAS3/9NA1805801
170203180J	(TF)POWER CORD.3P-250V 13A.UK type.1830mm
170X000799	(TF)Power Cord. 3P. 125V. 10A. 180D. USA. 1. 8M. I-SHENG. SP305B/IS-14N SVT 18/3 60C CT-12 Black
170X001024	(TF)Power Cord.3P.250V.10A.VDE.1.8M.I-SHENG.SP23/IS-14N H05VV-F 3G 0.75 CT-12.Black
170X001231	(TF)Power Cord.3P.250V.10A.180D.1800mm.I SHENG ELECTRIC.SP-506A+IS-14N
170X000806	(TF)Power Cord. 3P. 125V. 7A. 1. 8M. I-SHENG. U4NCB3T6B1218002. SP305B/IS-14N VCTF. Black. BSMI
170X000803	(TF)Power Cord.3P.125V/7A.PSE Certificate.1.8M.I-SHENG.U4NCB3P6C1218002.SP305B/IS-14N VCTF 0.75/3 Black 1.8M
170X000810	(TF)Power Cord.3P.250V.16A.Korea.1.8M.I-SHENG.SP23/IS-14N H05VV-F 3G 0.75 CT-12 Black
170X000805	(TF)Power Cord.3P.250V.10A.SWISS.1.8M.I-SHENG.SP-027C/IS-14N H05VV-F 3G 0.75mm CT-12 Black
9651210000	Wireless LAN Kit M.2 2230 802.11ac/a/b/g/n + BT5.2.2.4G/5G/6G,with 2 sets of cable & antenna (Intel AX210)

Packing List

- UP Xtreme PTL Edge