

# UP Xtreme i12 Edge

UP Xtreme i12 system with 12th generation Intel® Core™ i7/i5/i3/Celeron® Processor SoC



## Features

- 12th generation Intel® Core™ i7/i5/i3/Celeron® Processor SoC
- Onboard Dual Channel LPDDR5 up to 32GB
- Support 4 independent display up to 4K at 60Hz
- Support 2 x M.2 2280 KEY M (PCIe Gen4)
- Support 5G via M.2 3052
- Support Intel AX210 WiFi 6
- TPM2.0
- USB4.0
- Up to 2.5Gbps LAN speed
- Wide Range Power 12-36V

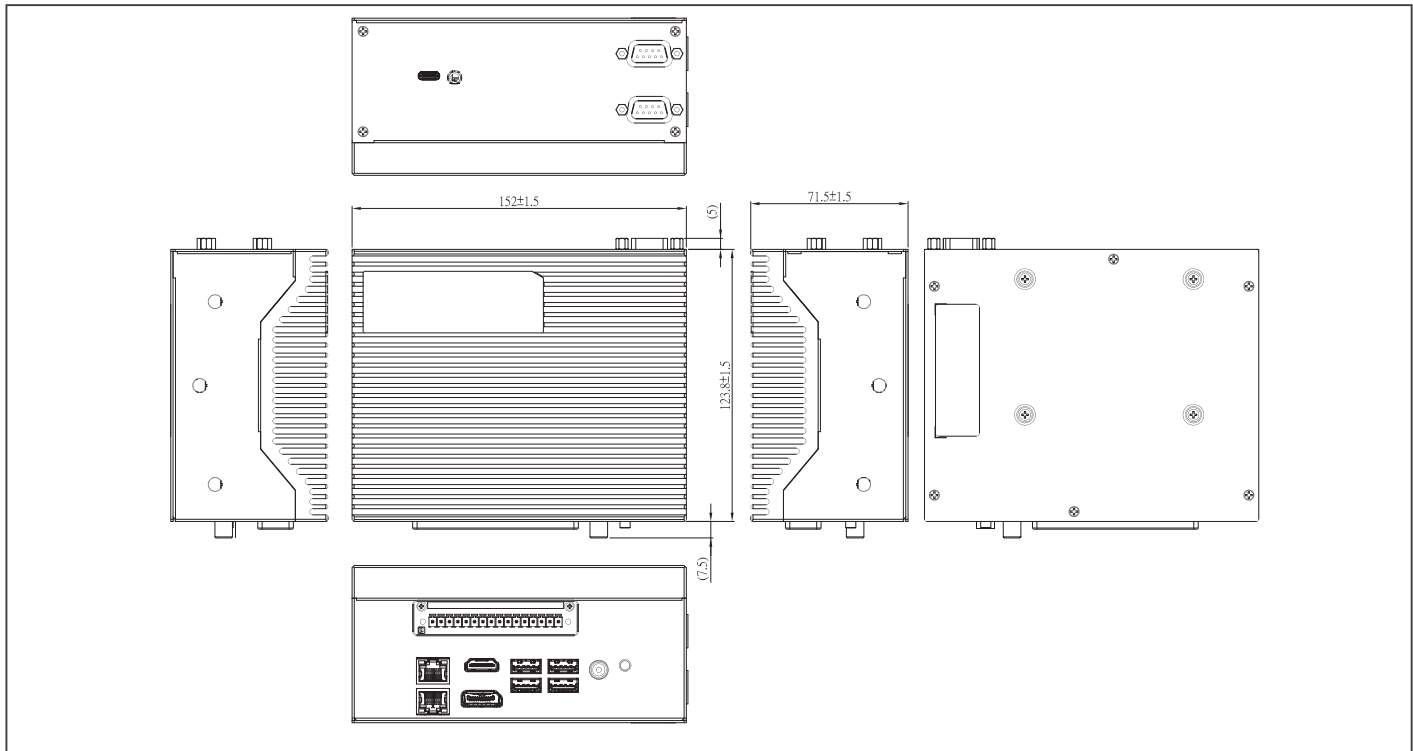


## Specifications

System	
CPU	Intel Core i7-1270PE/i5-1250PE/i3-1220PE/Celeron-7305E
Memory	Onboard LPDDR5 Dual Channel up to 32GB
Graphics	Intel® Iris® Xe graphics
Storage	M.2 2280 (PCIe Gen4.0 x 4) M-key x2 SATA3 x1
Ethernet	Intel i226IT (TSN) x1/ Intel i219 (vPRO) x1
WiFi/BT	Optional via M.2 2230
Expansion Slot	M.2 2230 E-key x1 M.2 2280 (PCIe Gen4.0 x 4) M-key x2 SATA3 x1 M.2 3052 B-key x1 Nano SIM slot x1
Security	TPM 2.0
OS Support	Windows® 10 Enterprise 2021 LTSC Ubuntu 22.04 Yocto 4.0
I/O Placements	
USB	USB3.2 Gen2 Type A x3 USB2.0 Type A x1 USB4.0 Type C x1
Display Port	HDMI 2.0b x1 DP 1.4a x1 DP 1.4a via USB type C x1 eDP1.4b x1
Ethernet	RJ45 x 2 for 1G/2.5GbE LAN
COM	x 2 (RS232/422/485)
Audio	Audio Jack x 1 (Mic-in, Line out)
GPIO	16 Pin terminal block connector x1
POWER Supply	
Power requirement	12-36V DC input (AT/ATX mode)
Power supply type	Lockable
Power Consumption(Typical)	Intel® Core™ i7-1270PE, LPDDR5 4800MHz 16GB, 5.86A@+ 12V (Typical) Intel® Core™ i7-1270PE, LPDDR5 4800MHz 16GB, 8.05A@+ 12V (Max)
MECHANICAL	
Mounting	VESA Mount/Wall Mount
Dimensions (WxHxD)	152 x 123.8 x 71.5 mm
Net Weight	1.34kg
Gross Weight	1.76kg
Environment	
Operating Temperature	0°C ~ 60°C degree with air flow 0.5m/s
Operating Humidity	0% ~ 90% relative humidity, non-condensing
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
MTBF	366,810
Certification	CE/FCC Class A, RoHS Compliant, REACH

## Dimension

Unit: mm



## Optional Accessories

Part Number	Description
9741364A00	Wireless LAN Kit M.2 2230 802.11ac/a/b/g/n + BT4.0,2T2R,with 2 sets of cable & antenna (Enli,QCNFA364A)
9651926001	(TF).M.2 2230 WiFi Kit.802.11ac.2.4G/5G,W/BT Intel.9260.NG.WG.NV.958867 w/2 cable & antenna
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)
1255X00071	(TF)AC/DC Adapter.Input 100V~240V.output DC 19V.120W.6.32A.DC JACK w/Lock. FSP.FSP120-ABAN3/9NA1208548
1702031802	(TF)POWER CORD.3P-125V 10A 180D.1.8M.U.S.A.FANJET.YP12/YC-12
1702031803	(TF)POWER CORD.3P-250V 10A 180D.1.8M.V.D.E.FAN-JET.YP-22/YC-12
170203180E	(TF)Power cord.3P.125V/7A.1.8M.PSE YP12/YC12 Certificat
M0UPAD0020	(TF).WALLMOUNT_BRACKET.PMS BLACK C-13.UPX-EDGE-ADLP01

## Packing List

- UP Xtreme i12 Edge
- SATA cable
- SATA power cable

## Ordering Information

Part Number	CPU	Core	Memory	Storage
UPX-EDGE-ADLP17-A10-16128	Intel Core i7-1270PE	4+8	16GB	128GB
UPX-EDGE-ADLP15-A10-16128	Intel Core i5-1250PE	4+8	16GB	128GB
UPX-EDGE-ADLP13-A10-08128	Intel Core i3-1220PE	4+4	8GB	128GB
UPX-EDGE-ADLPCR-A10-0864	Intel Celeron® 7305E	1+4	8GB	64GB