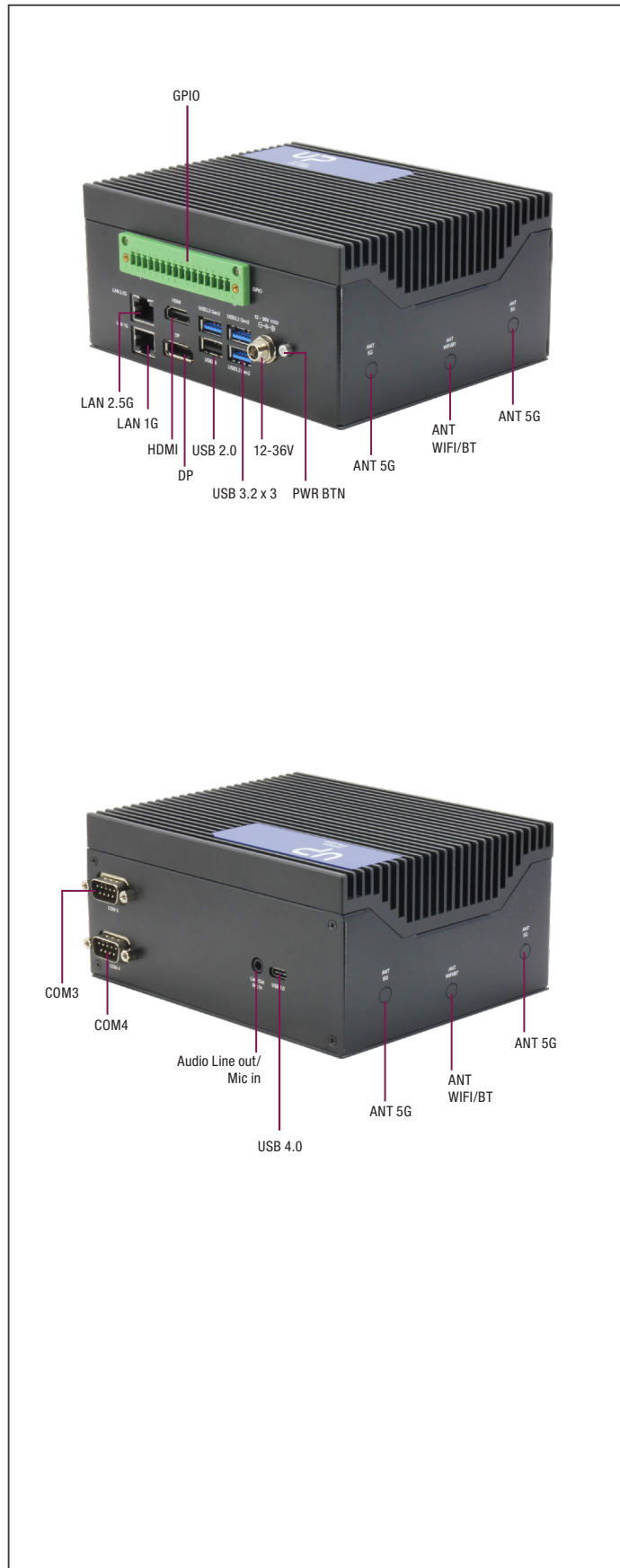


UP Xtreme i12 Edge

UP Xtreme i12/13 system with 12th/13th Generation Intel® Core™ i7/i5/i3/Celeron® Processor SoC



Features

- 12th/13th Generation Intel® Core™ i7/i5/i3/Celeron® Processor SoC
- Onboard Dual Channel LPDDR5, up to 32GB
- Support 4 independent displays up to 4K @60Hz
- M.2 2280 M-Key x 2 (PCIe Gen 4)
- M.2 3052 B-Key x 1
- Intel® AX210 WiFi 6 support
- TPM 2.0
- USB 4.0
- Up to 2.5GbE LAN speed
- Wide Range 12V~36V Power Input

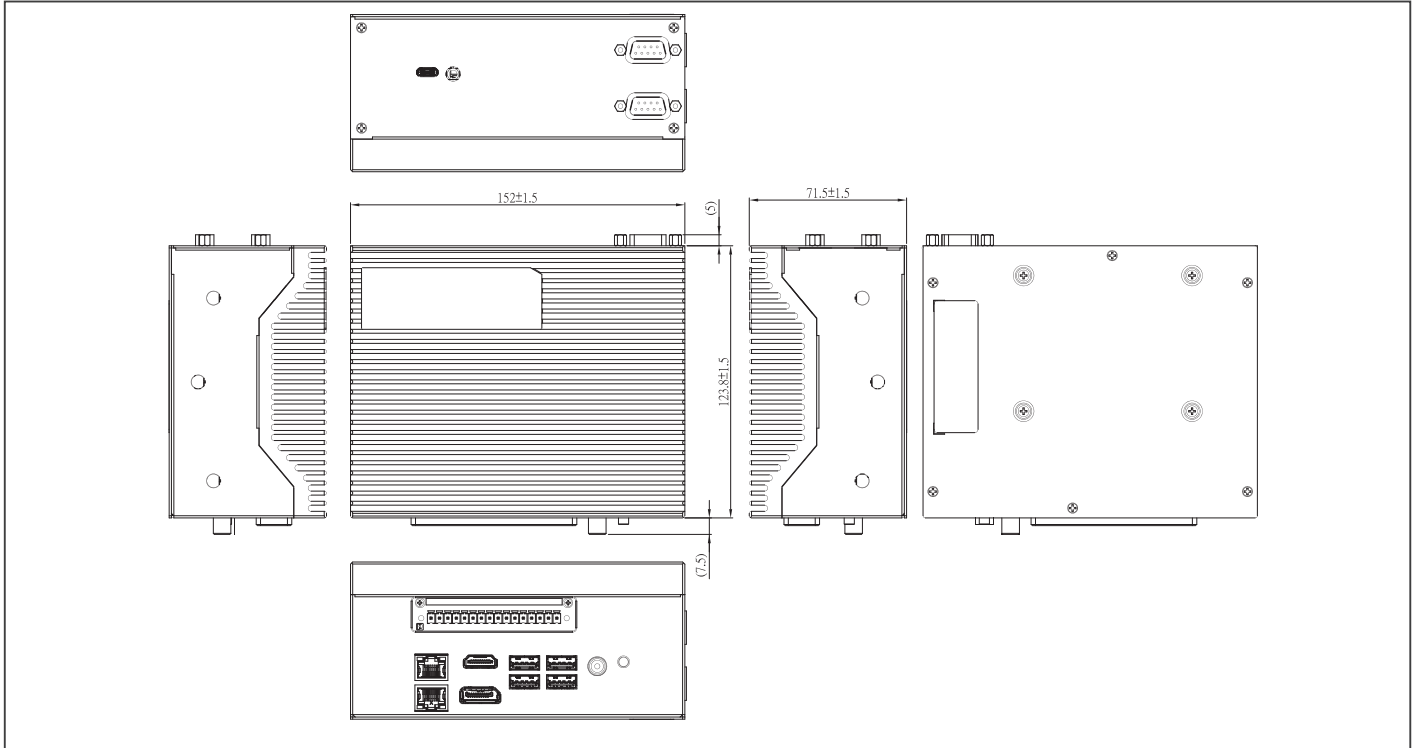


Specifications

System	
CPU	12th Gen Intel® Core™ Processor SoC Intel® Core™ i7-1270PE Intel® Core™ i7-1260P Intel® Core™ i5-1250PE Intel® Core™ i5-1240P Intel® Core™ i3-1220PE Intel® Celeron® 7305E 13th Gen Intel® Core™ Processor SoC Intel® Core™ i7-1370PE Intel® Core™ i7-1360P Intel® Core™ i5-1340PE Intel® Core™ i3-1320PE
Memory	Up to 32GB onboard LPDDR5
Graphics	Intel® Iris® Xe graphics
Storage	M.2 2280 M-Key x 2 (PCIe Gen 4.0 [x4]) SATA 6Gb/s x 1
Ethernet	Intel® I226-IT x 1 (TSN), Intel® I219 x 1 (vPRO)
WiFi/BT	Optional with M.2 2230 E-key x 1
Expansion Slot	40-pin GPIO x 1 M.2 2230 E-Key x 1 M.2 2280 M-Key x 2 (PCIe Gen 4.0 [x4]) SATA 6Gb/s x 1 M.2 3052 B-Key x 1 Nano SIM Slot x 1
Security	Onboard TPM 2.0
OS Support	Windows® 10 Enterprise 2021 LTSC, Ubuntu 22.04, Yocto 4.0
I/O Placements	
USB	USB 2.0 (Type-A) x 1, USB 3.2 Gen 2 (Type-A) x 3, USB 4.0 (Type-C) x 1
Display Port	HDMI 2.0b x 1 DP 1.4a x 1 DP 1.4a x 1 (via USB Type-C) eDP1.4b x 1
Ethernet	RJ45 x 2
COM	RS-232/422/485 x 2
Audio	Audio Jack x 1 (Mic-in+Line-out)
GPIO	16-pin terminal block connector x 1
POWER Supply	
Power requirement	12-36V DC-in (Lockable plug)
Power supply type	AT/ATX (ATX as default)
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(optional)
Dimensions (WxHxD)	5.98" x 4.87" x 2.81" (152mm x 123.8mm x 71.5mm)
Net Weight	2.95 lbs (1.34kg)
Gross Weight	3.88 lbs (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 Hours
Certification	CE/FCC Class A, RoHS Compliant, REACH

Dimension

Unit: mm



Packing List

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

Ordering Information

Part Number	CPU	CORE	MEMORY	STORAGE	HEATSINK
UPX-EDGE-ADLPCR-A10-0864	Intel® Celeron® 7305E	1P+4E	8GB	64GB 2.5" SSD	FANLESS
UPX-EDGE-ADLP13-A10-08128	Intel® Core™ i3-1220PE	4P+4E	8GB	128GB 2.5" SSD	FANLESS
UPX-EDGE-ADLP15-A10-16128	Intel® Core™ i5-1250PE	4P+8E	16GB	128GB 2.5" SSD	FANLESS
UPX-EDGE-ADLP17-A10-16128	Intel® Core™ i7-1270PE	4P+8E	16GB	128GB 2.5" SSD	FANLESS
UPX-EDGE-ADLP15C-A10-16128	Intel® Core™ i5-1240P	4P+8E	16GB	128GB 2.5" SSD	FANLESS
UPX-EDGE-ADLP17C-A10-16128	Intel® Core™ i7-1260P	4P+8E	16GB	128GB 2.5" SSD	FANLESS
UPX-EDGE-RAP13-A11-08128	Intel® Core™ i3-1320PE	4P+4E	8GB	128GB 2.5" SSD	FANLESS
UPX-EDGE-RAP15-A11-16128	Intel® Core™ i5-1340PE	4P+8E	16GB	128GB 2.5" SSD	FANLESS
UPX-EDGE-RAP17C-A11-16128	Intel® Core™ i5-1370P	4P+8E	16GB	128GB 2.5" SSD	FANLESS
UPX-EDGE-RAP17C-A11-16128	Intel® Core™ i7-1360P	4P+8E	16GB	128GB 2.5" SSD	FANLESS

Optional Accessories

Part Number	Description
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.USA.FANJET.YP12/YC-12
1702031803	(TF)POWER CORD.3P-250V 10A 180D.1.8M.VDE.FAN-JET.YP-22/YC-12
170203180E	(TF)Power cord.3P.125V/7A.1.8M.PSE YP12/YC12 Certificat
9741364A00	Wireless LAN Kit M.2 2230 802.11ac/a/b/g/n + BT4.0,2T2R,with 2 sets of cable & antenna (Enli,DCNFA364A)
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)
M0UPAD0020	(TF).WALLMOUNT_BRACKET.PMS BLACK C-13.UPX-EDGE-ADLP01