

UP WCL Edge

UP WCL System with Intel® Core™ processors (Series 3)



Front View



Rear View



Features

- Intel® Core™ processors (Series 3)
- Onboard LPDDR5 Memory, up to 24GB
- Onboard UFS Storage, up to 256GB
- 2.5GbE LAN x 1
- HDMI 2.1 (TMDS) x 1
- USB 3.2 Gen 2 (Type-A) x 3
- M.2 2230 E-Key
- 10-pin GPIO x 1



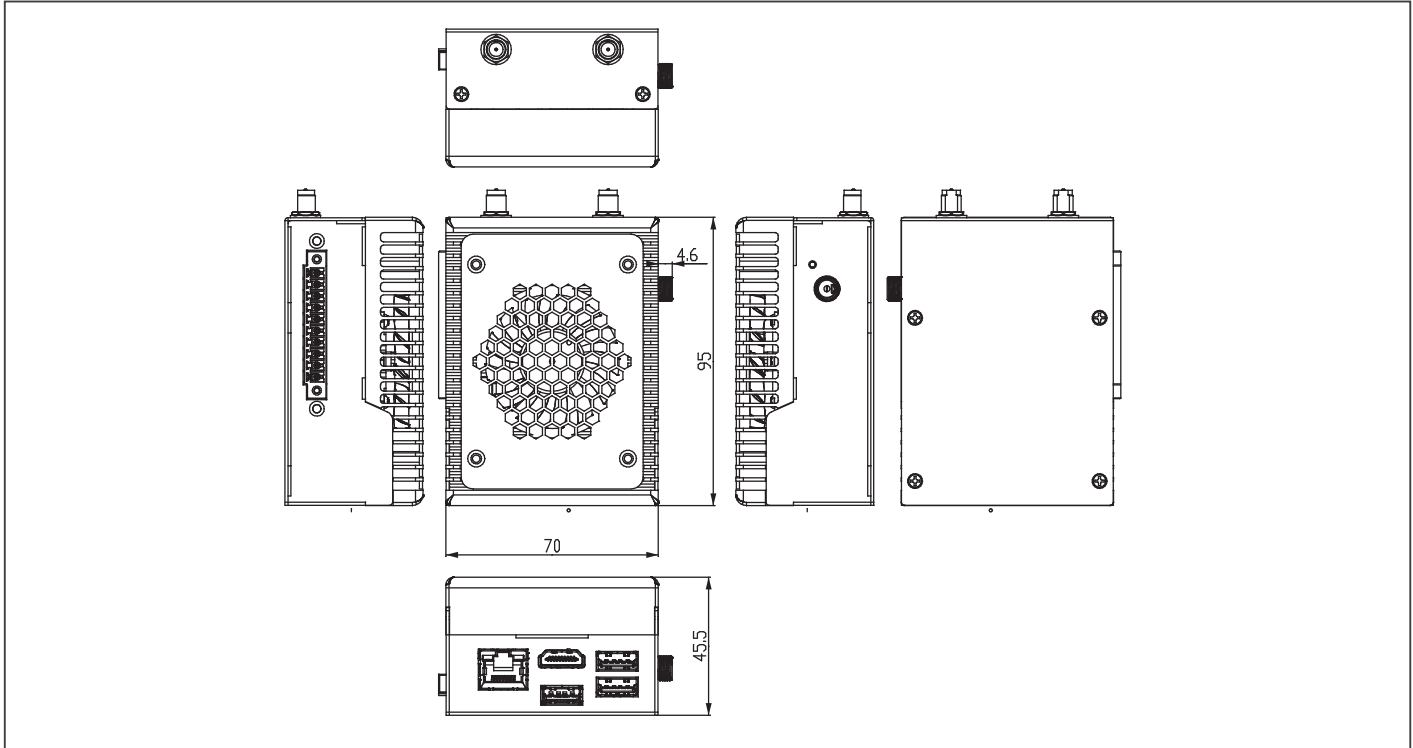
Specifications

System	
CPU	Intel® Core™ 7 processor 350 Intel® Core™ 5 processor 320 Intel® Core™ 3 processor 304 (formerly Wildcat Lake)
Memory	Up to 24GB LPDDR5
Graphics	Intel® Graphics
Storage	Up to 256GB UFS
Ethernet	2.5GbE RJ-45 x 1
WIFI/BT	Optional with M.2 2230 E-key x 1
Expansion Slot	M.2 2230 E-Key x 1 (CNV12/ CNV13, PCIe Gen 4 [x1], USB 2.0)
Security	TPM 2.0 support (fTPM)
OS Support	Windows® 11 LTSC Ubuntu 24.04 LTS Yocto 6.0
I/O Placements	
USB	USB 3.2 Gen 2 (Type-A) x 3
Display Port	HDMI 2.1 (TMDS) x 1
Ethernet	2.5GbE RJ-45 x 1
COM	—
Audio	—
GPIO	10 pin wafer (BIOS-selectable: 3.3V I2C x 2/PWM x 2/SPI x 2/GPIO x 8)
Power Supply	
Power requirement	12V DC-in, 5A
Power supply type	AT/ATX
Power Consumption (Typical)	30W~36W
Mechanical	
Mounting	DIN Rail, VESA
Dimensions (WxHxD)	3.74" × 2.76" × 1.67" (95mm x 70mm x 42.3mm)
Net Weight	0.63 lb. (0.28Kg)
Gross Weight	0.95 lb. (0.43Kg)
Environment	
Operating Temperature	-4°F ~ 140°F (-20°C ~ 60°C) / 0.7 airflow with active cooler
Operating Humidity	0% ~ 90% relative humidity, non-condensing
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)
MTBF (Hours)	685,218
Certification	CE/FCC Class A, RoHS Compliant, REACH



Dimension

Unit: mm



Ordering Information

Part Number	CPU	Memory	Storage	Operating Temp.	Cooling
UP-WCL01-SYS-A10-350-16128	Intel® Core™ 7 processor 350	16GB	128GB	-20°C ~ 60°C	Active cooler
UP-WCL01-SYS-A10-320-08128	Intel® Core™ 5 processor 320	8GB	128GB	-20°C ~ 60°C	Active cooler
UP-WCL01-SYS-A10-304-08128	Intel® Core™ 3 processor 304	8GB	128GB	-20°C ~ 60°C	Active cooler
UP-WCL01-SYS-A10-304-0864	Intel® Core™ 3 processor 304	8GB	64GB	-20°C ~ 60°C	Active cooler

Optional Accessories

Part Number	Description
1255X00032	(TF)AC/DC Adapter.Input AC.100~240V.Output DC.12V.MAX 72W.6.0A.180D.W/ LOCK.EDAC. EA10681U(120)
170X000799	(TF)Power Cord. 3P. 125V. 10A. 180D. USA. 1. 8M. I-SHENG. SP305B/IS-14N SVT 18/3 60C CT-12 Black
170X000800	(TF)Power Cord. 3P. 250V. 10A. VDE. 1. 8M. I-SHENG. SP23/IS-14N H05VV-F 3G 0.75 CT-12 Black
170X000815	(TF)Power Cord. 3P. 250V. 10A. 180D. CHINA. 1. 8M. I-SHENG. SP506A/IS-14N RVV 300/500V 3X0.75 CT-12 Black
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 802.11ax/ac/a/b/g/n + BT5.2,2.4G/5G/6G,with 2 sets of cable & antenna (Intel AX210)
9651885200	Wireless LAN Kit M.2 2230 802.11ax/ac/a/b/g/n + BT5.2,2T2R,with 2 sets of cable & antenna (Enli,ENL-8852CE)
170010015G	(TF)USB Cable.10P 1.0mm Housing.USB A(F). 15cm
UP-DRKIT-A10-0001	DIN Rail KIT for UP Series
UP-WCL-VESAKIT-0001	VESA KIT for UP-WCL01-SYS

Packing List

- UP WCL Edge