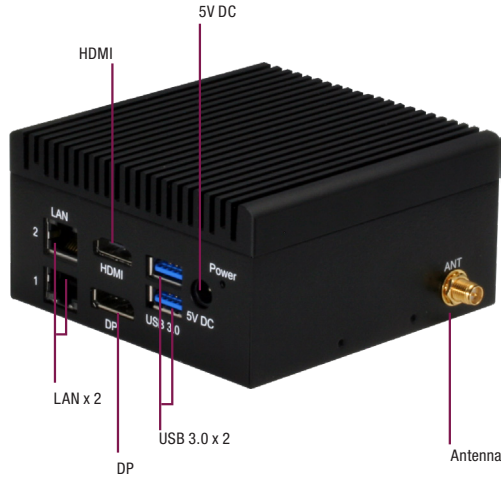


UPS-GWS01

Tiny Gateway System with UP Squared



Front View



Rear View



Features

- Intel® Pentium® N4200/ Celeron® N3350 Processor SoC/Atom® E3950
- Onboard LPDDR4 Memory, eMMC Storage
- Gigabit LAN x 2
- HDMI x 1, DP x 1
- USB 3.0 x 3, USB 3.0 OTG x 1
- 3G/ WiFi/ BT(Optional)



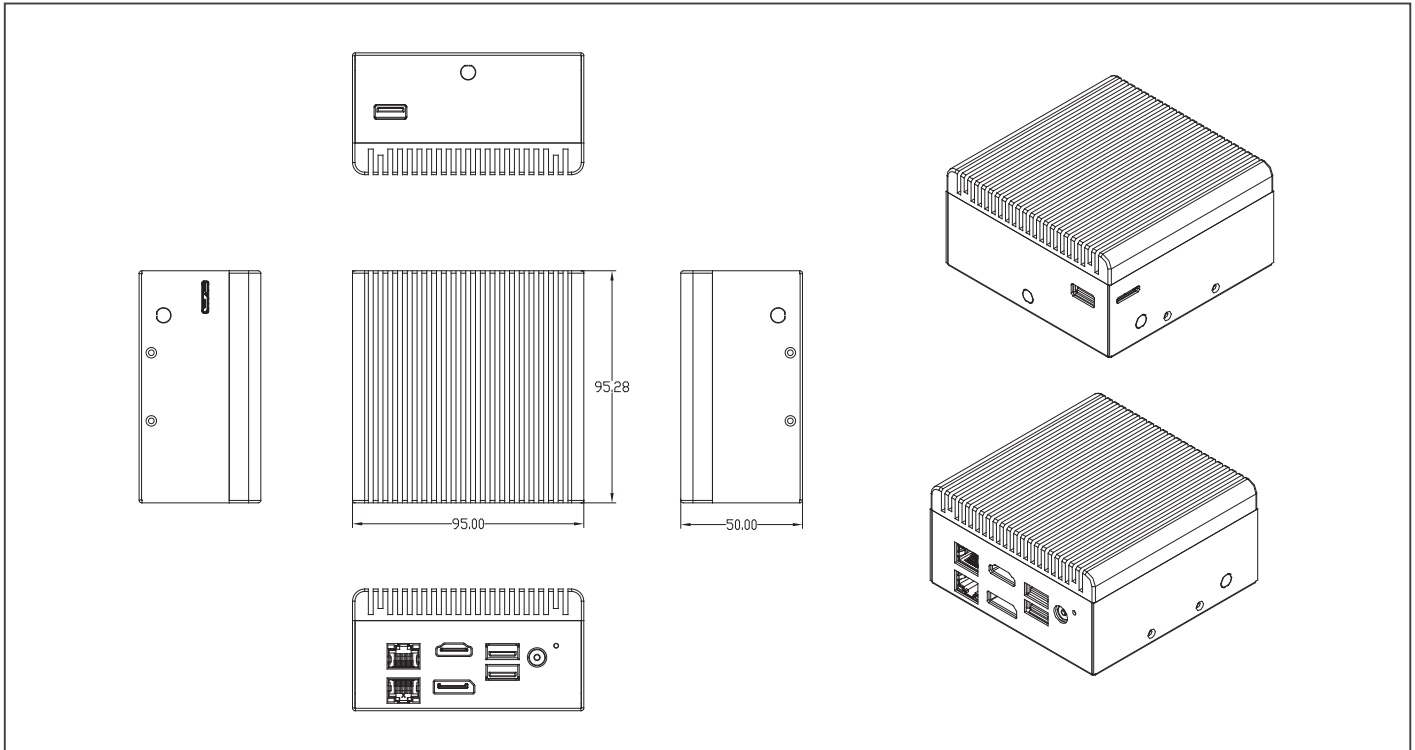
Specifications

System	
CPU	Intel® Celeron® Processor N3350 Intel® Pentium® Processor N4200 Intel Atom® x7-E3950
Memory	Up to 8GB onboard LPDDR4
Graphics	Intel® HD Graphics
Storage	Up to 128GB onboard eMMC
Ethernet	GbE x 2 (Realtek 8111H CG)
WiFi/BT	Optional with M.2 2230 E-key x 1
Expansion Slot	40-pin GPIO x 1 Full-sized mPCIe x 1 (PCIe & SATA [x1] , USB2.0 [x1]) M.2 2230 E-Key x 1 (PCIe [x1], USB2.0 [x1]) SATA III x 1
Security	fTPM
OS Support	Windows® 10 IoT Enterprise LTSC 2021 Windows IoT Core Linux Ubuntu 20.04 LTS Linux Yocto 3.1
I/O Placements	
USB	USB 2.0 x 2 (via 10 Pin Header x 1) USB 3.2 Gen 1 x 3 (Type-A) USB 3.2 Gen 1 OTG x 1 (Micro B)
Display Port	HDMI 1.4b x 1 DP 1.2 x 1
Ethernet	Realtek® 8111G x 2
COM	—
Audio	—
GPIO	—
Power Supply	
Power requirement	5V DC-in
Power supply type	AT/ATX (AT as default)
Power Consumption (Typical)	15.05W
Mechanical	
Mounting	VESA Mounting
Dimensions (WxHxD)	3.74" x 3.58" x 1.46" (95mm x 91mm x 37mm)
Net Weight	0.99lb (450g)
Gross Weight	1.32lb (600g)
Environment	
Operating Temperature	32°F ~ 113°F (0°C ~ 45°C)
Operating Humidity	0% ~ 90% relative humidity non-condensing
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)
MTBF	179,902 Hours
Certification	CE, FCC Class A, UL



Dimension

Unit: mm



Ordering Information

Part Number	CPU	CORE	MEMORY	STORAGE	HEATSINK
UPS-GWS01C2F-A20-0232	Intel® Celeron® Processor N3350	2 Core	2GB	32GB	FANLESS
UPS-GWS01C2F-A20-0432	Intel® Celeron® Processor N3350	2 Core	4GB	32GB	FANLESS
UPS-GWS01C2F-A20-1232	Intel® Celeron® Processor N3350	2 Core	2GB	32GB	FANLESS
UPS-GWS01C2F-A20-1432	Intel® Celeron® Processor N3350	2 Core	4GB	32GB	FANLESS
UPS-GWS01P4F-A20-0432	Intel® Pentium® Processor N4200	4 Core	4GB	32GB	FANLESS
UPS-GWS01P4F-A20-0864	Intel® Pentium® Processor N4200	4 Core	8GB	64GB	FANLESS
UPS-GWS01P4F-A20-1432	Intel® Pentium® Processor N4200	4 Core	4GB	32GB	FANLESS
UPS-GWS01P4F-A20-1864	Intel® Pentium® Processor N4200	4 Core	8GB	64GB	FANLESS
UPS-GWS01X7F-0464-AI	Intel Atom® x7-E3950	4 Core	4GB	64GB	FANLESS
UPS-GWS01X7F-A20-0864	Intel Atom® x7-E3950	4 Core	8GB	64GB	FANLESS

Optional Accessories

Part Number	Description
1255300362	(TF)AC/DC Adapter.5VDC.30W.6A.SUNWARD.AD36AM050600
1702020911	(TF)POWER CORD.SP12N 2P.C8 2P.91cm.NISPT-2 for US
9651926001	(TF).M.2 2230 WIFI Kit.802.11ac.2.4G/5G,W/BT Intel.9260.NG.WG.NV.958867 w/2 cable & antenna
9741364A00	(TF).M.2 2230 Wireless.802.11 ac/a/b/g/n + BT 5.0.2T2R,Enli QCNFA364A.w/2 sets of cable and antenna

Packing List

- UPS-GWS01