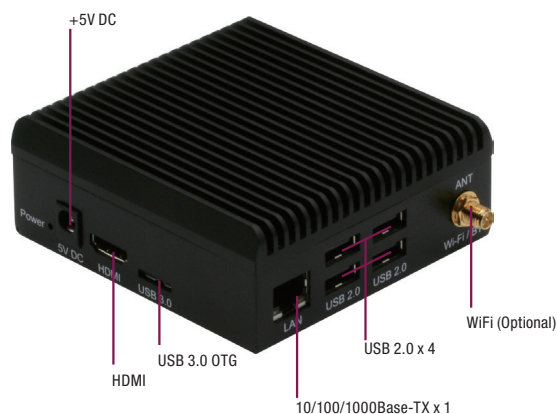


UP-GWS01

Tiny Gateway System with UP Board

Front View



Rear View



Features

- Intel Atom® x5-Z8350 Processor SoC
- Onboard DDR3L Memory
- Onboard eMMC Storage
- Gigabit LAN x 1, USB 2.0 x 4, USB 3.0 x 1, HDMI x 1
- Optimized Fanless Cooling Design
- Wi-Fi (Optional)
- No eDP/ MIPI-CSI/ 40pin HAT/ CPLD internally

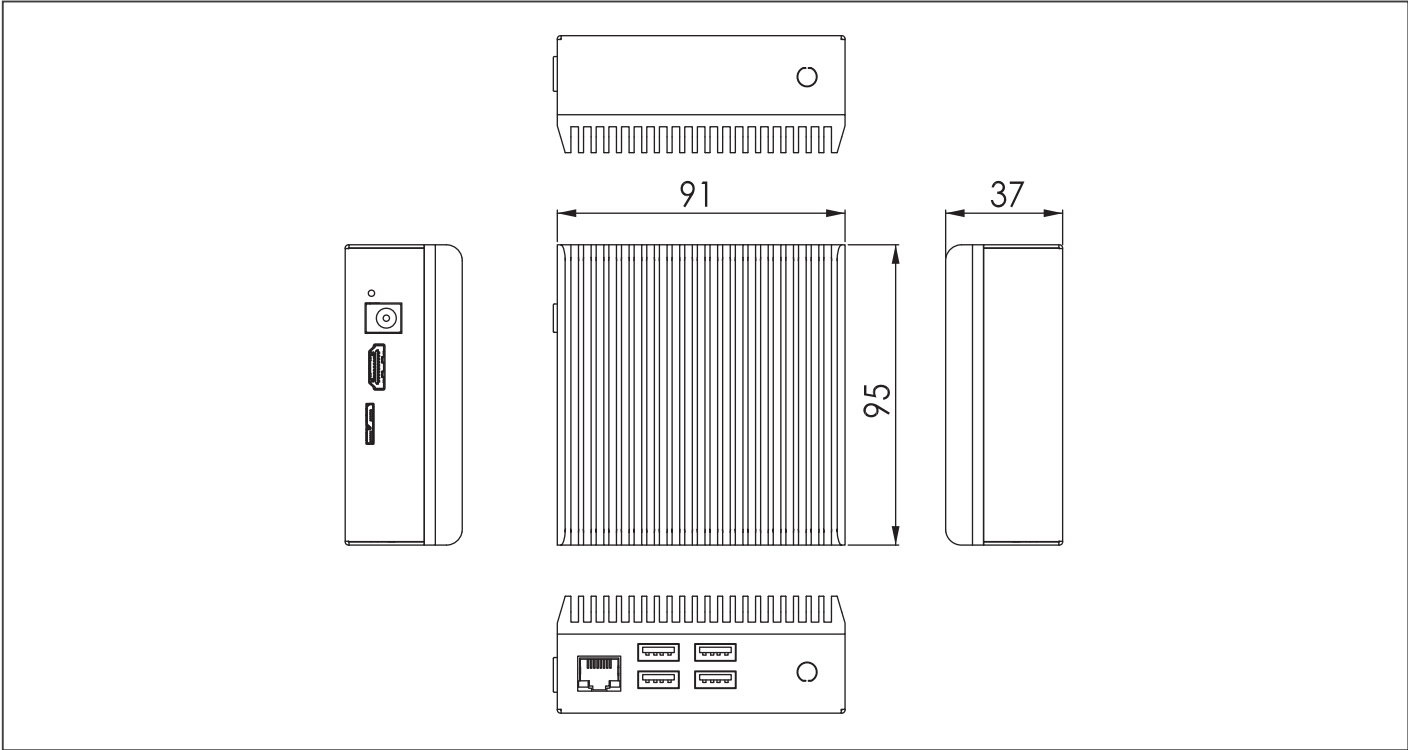


Specifications

System	
CPU	Intel Atom® x5-Z8350 Processor (2M Cache, 1.44 GHz up to 1.92 GHz)
Memory	Onboard DDR3L memory
Graphics	Intel® HD Graphics 400, 12 EU Gen 8, up to 500MHz Support DX*11.1/12, Open GL*4.2, Open CL*1.2 OGL ES3.0, H.264, HEVC (decode), VP8
Storage	Onboard eMMC
Ethernet	GbE LAN x 1
WIFI/BT	Wi-Fi (Optional)
Audio	HDMI x 1
USB	USB 2.0 x 4, USB 3.0 x 1 (OTG)
Expansion Slot	—
I/O Placements	
Power	DC-in Jack x 1
USB	USB 2.0 x 4, USB 3.0 x 1 (OTG)
Display Port	HDMI x 1
Ethernet	GbE LAN x 1
COM	—
Environment	
Power	5V/4A DC Only
Form Factor	3.74" x 3.58" x 1.46" (95mm x 91mm x 37mm)
Gross Weight	—
Operating Temperature	32°F ~ 104°F (0°C ~ 40°C)
Operating Humidity	0% ~ 90% relative humidity non-condensing
Certification	CE/FCC Class A
OS Support	Windows® 10, Linux, Windows® 10 IoT Core

Dimension

Unit: mm



Ordering Information

Product SKU	Description
UP-GWS01-A20-0216-A11	UP-GWS01.Intel CPU x5-z8350.2G memory.16G eMMC.w/o VESA.A1.1
UP-GWS01-A20-0232-A11	UP-GWS01.Intel CPU x5-z8350.2G memory.32G eMMC.w/o VESA.A1.1
UP-GWS01-A20-0432-A11	UP-GWS01.Intel CPU x5-z8350.4G memory.32G eMMC.w/o VESA.A1.1
UP-GWS01-A20-0464-A11	UP-GWS01.Intel CPU x5-z8350.4G memory.64G eMMC.w/o VESA.A1.1
UP-GWS01-A20-1432-A11	UP-GWS01.Intel CPU x5-z8350.4G memory.32G eMMC.w VESA.A1.1

Packing List

- UP-GWS01

Optional Accessories

- **UP-WIFIKIT-A20-4001**
WiFi module KIT, IEEE 802.11 a/b/g/n, 2.4GHz and 5GHz, w/ Cable and Antenna
- **UP-WIFIKIT-A20-7001**
WiFi module KIT, IEEE 802.11 b/g/n, 2.4GHz, w/ Cable and Antenna
- **1255300203**
5V/4A Power Adapter
- **1709100802**
USB 3.0 OTG cable, Micro B to Micro B