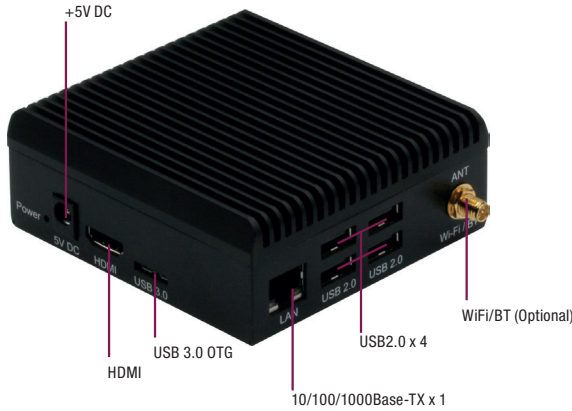


## Tiny Gateway System with UP Board

Front View



Rear View



## Features

- Intel® Atom™ x5-Z8350 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)
- BT 4.0 (Optional)

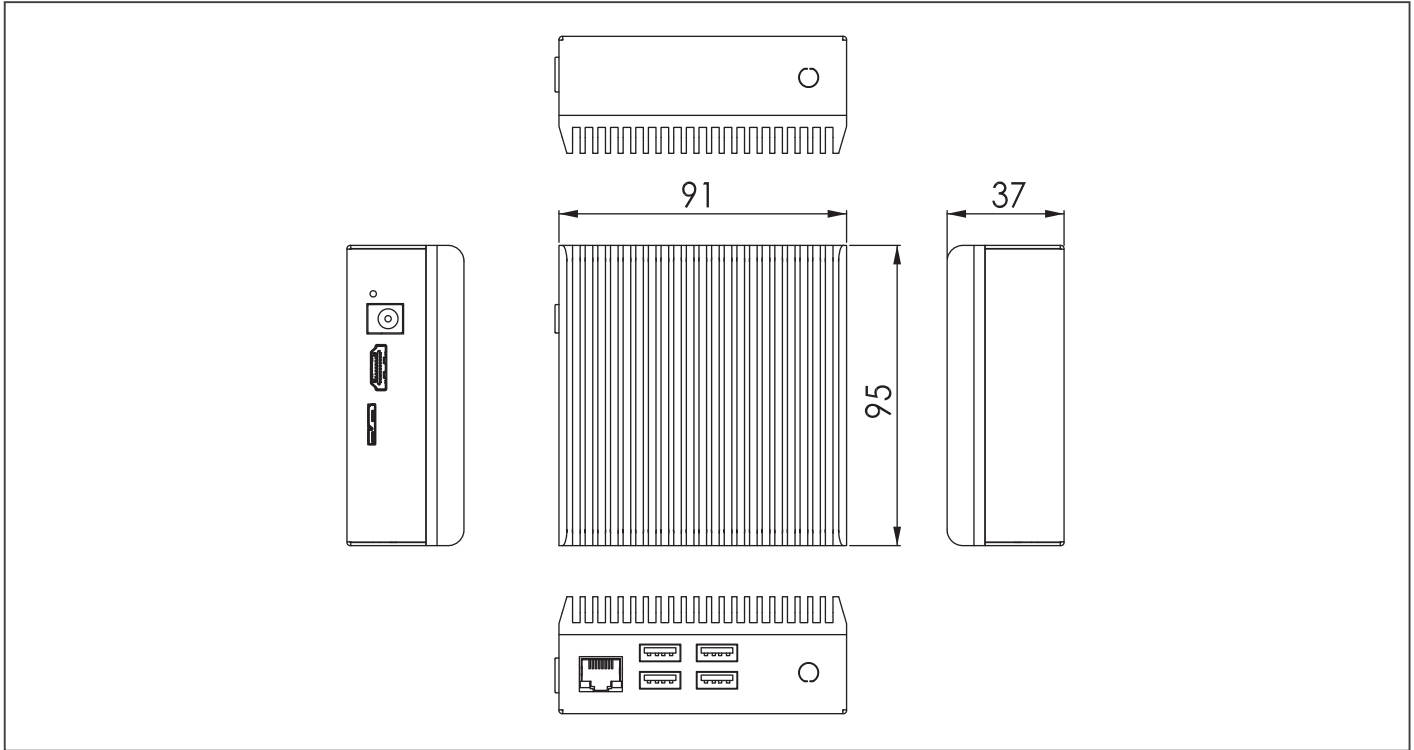


## Specifications

System	
CPU	Intel® Atom™ x5-Z8350 Processor (2M Cache, 1.44 GHz up to 1.92 GHz) CPU with 64 bit architecture; Quad Core
Memory	Onboard DDR3L memory
Graphics	Intel® HD 400 Graphics ,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	Gb LAN x 1
WiFi/BT	Optional
Audio	HDMI x 1
USB	USB2.0 x 4, USB3.0 OTG x 1
Expansion Slot	—
I/O Placements	
Power	DC-in Jack x 1
USB	USB2.0 x 4, USB3.0 OTG x 1
Display Port	HDMI x 1
Ethernet	Gb 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, Android 6.0, Windows® 10 IoT core

## Dimension

Unit: mm



## Ordering Information

Product SKU	Description
UP-GWS01-A20-0232	UP-GWS01, w/2G memory, 32G eMMC board w/o VESA plate
UP-GWS01-A20-1232	UP-GWS01, w/2G memory, 32G eMMC board w/ VESA plate
UP-GWS01-A20-0432	UP-GWS01, w/4G memory, 32G eMMC board w/o VESA plate
UP-GWS01-A20-1432	UP-GWS01, w/4G memory, 32G eMMC board w/ VESA plate

## 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
- **UP-BTKIT-A20-0001**  
Bluetooth module, 2.4GHz, w/ Cable and Antenna
- **1255300203**  
5V/4A Power Adapter
- **1709100802**  
USB 3.0 OTG cable, Micro B to Micro B