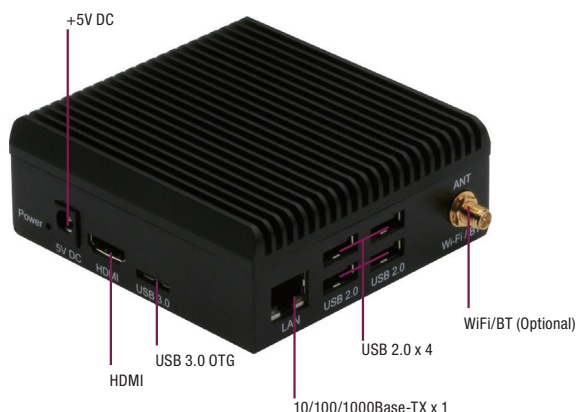


# UP-GWS01

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, Windows® 10 IoT core                                                                                            |



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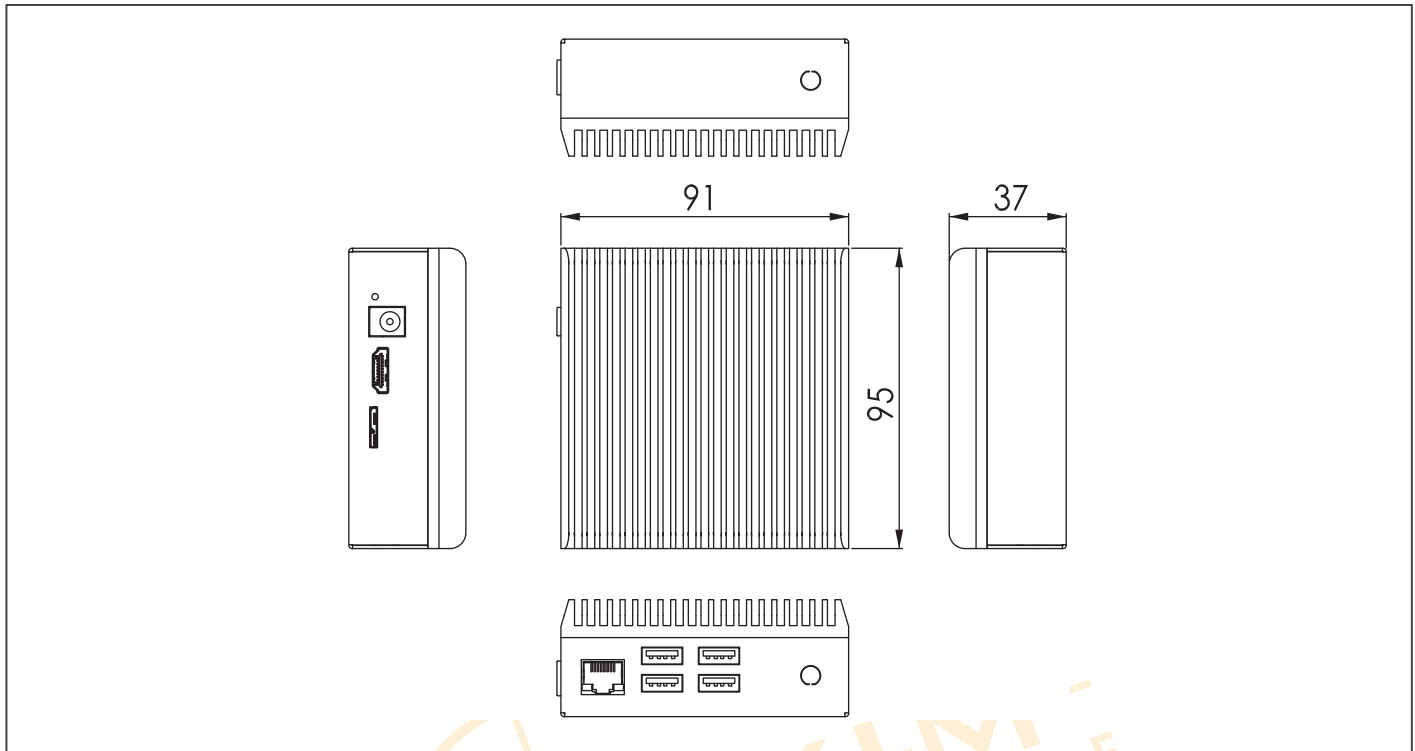
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## Dimension

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
- **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