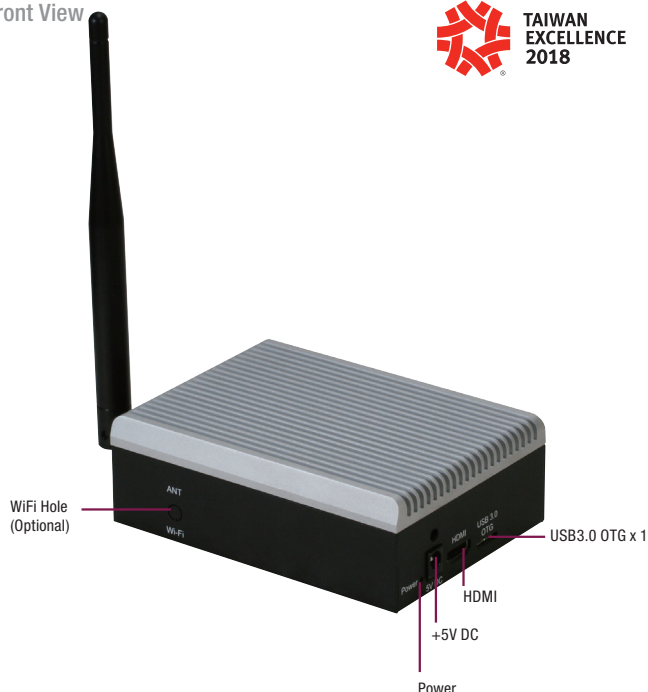
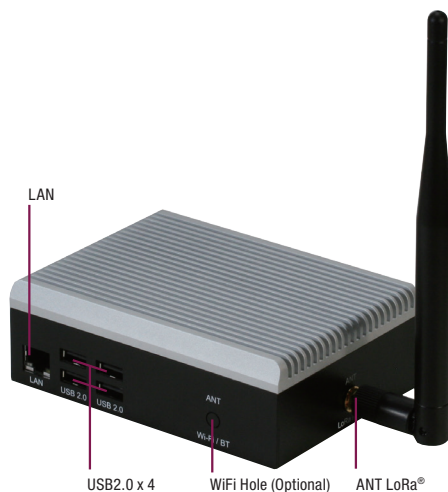


LoRa[®] Certified Intel[®] Based Gateway and Network Server

Front View



Rear View



Features

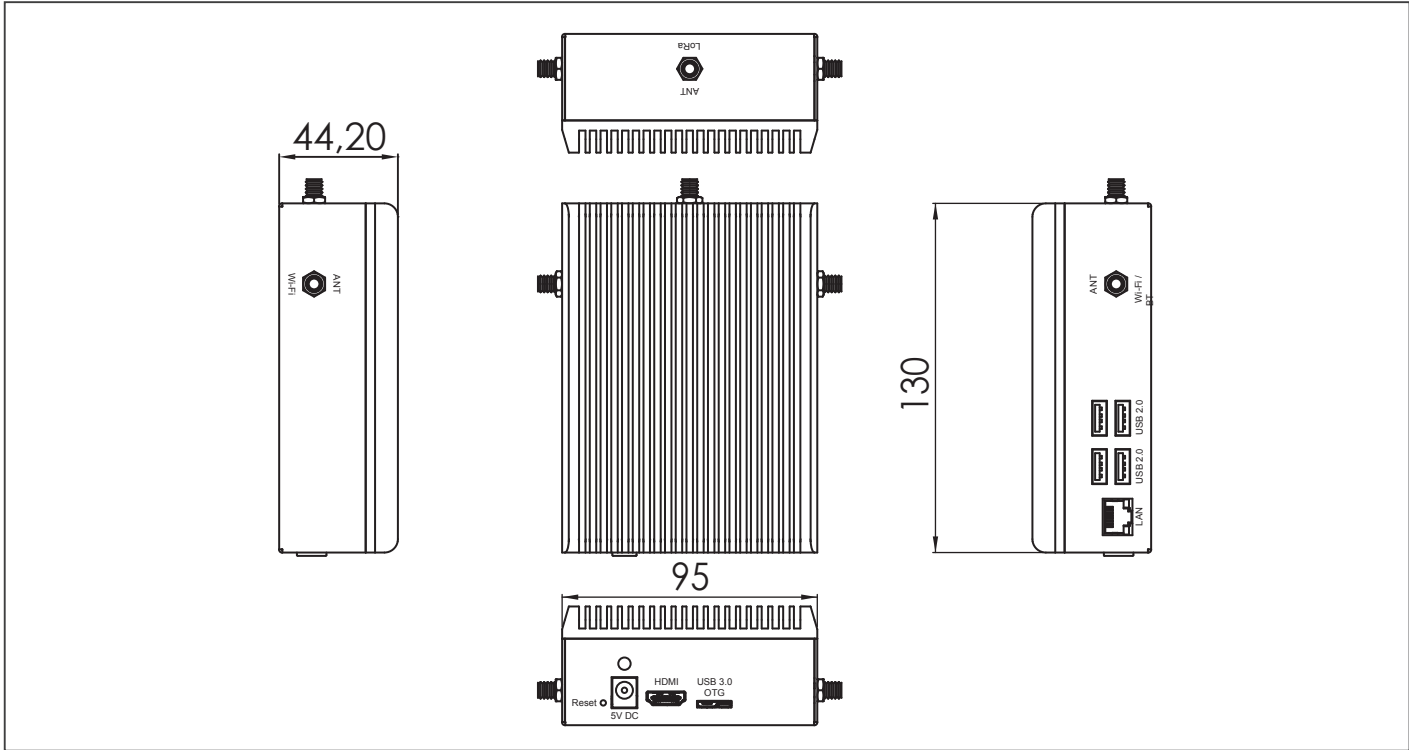
- Intel[®] Atom[™] x5-Z8350 SoC
- Onboard 2GB/4GB DDR3L Memory, 32GB/64GB eMMC Storage
- Gigabit LAN x 1, HDMI x 1
- USB 2.0 x 4, USB 3.0 OTG x 1
- LoRa[®] Function Supported
- Supports Frequency Band 868 MHz



Specifications

System	
CPU	Intel [®] Atom [™] x5-z8350 SoC
Memory	Onboard 2GB/4GB DDR3L - 1600 memory
Graphics	Intel [®] HD 400 Graphics ,12 EU GEN 8, up to 500MHz Supports DX*11.1/12, Open GL*4.2, Open CL*1.2 OGL ES3.0, H.264, HEVC (decode), VP8
Storage	32GB/64GB eMMC on board x 1
Ethernet	Realtek 8111G x 1
Audio	HDMI Audio x 1
USB	USB2.0 x 4, USB 3.0 OTG x 1
LoRa [®] Function	Frequency band 868MHz Sensitivity down to -138 dBm Tx/Rx front-ends x 2 RF interface optimized to 50Ω Output power level up to 20 dBm Range up to 15 km (Line of Sight)
I/O Placements	
External I/O Connector	RJ45 Connector x 1 HDMI Connector x 1 USB 2.0 Stack Connector x 2 USB 3.0 OTG x 1 DC connector x 1
Others	
Power	5V DC Only
Form Factor	5.12" x 3.74" x 1.74" (130 mm x 95 mm x 44.2 mm)
Operating Temperature	32°F ~ 122°F (0°C ~ 50°C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
Certification	CE
OS Support	Ubilinux

Dimension Unit: mm



Ordering Information

Product SKU	Description
AIOT-ILRA01-A10-CA40464EU	AIOT-ILRA01, w/4G Memory, 64G EMMC board, LoRa [®] w/o VESA Plate
AIOT-ILRA01-A10-CA41464EU	AIOT-ILRA01, w/4G Memory, 64G EMMC board, LoRa [®] w/VESA plate
AIOT-ILRA01-A10-CA40232EU	AIOT-ILRA01, Z8350, w/2G Memory, 32G EMMC board, LoRa Module, w/o VESA Plate
AIOT-ILRA01-A10-CA41232EU	AIOT-ILRA01, Z8350, w/2G Memory, 32G EMMC board, LoRa Module, w/VESA Plate

Packing List

- LoRa[®] Antenna
- AIOT-ILRA01

Optional Accessories

- 9751AIQA00
Din-Rail Mounting Accessory