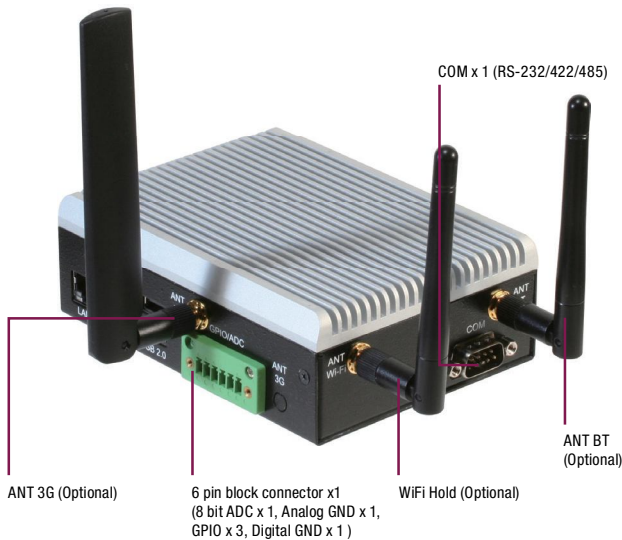


Industrial Automation IoT Gateway

Front View



Rear View



Features

- Intel® Atom™ x5-Z8350 SoC
- Onboard 2GB DDR3L Memory, 32GB eMMC Storage
- Gigabit LAN x 1, HDMI x 1
- USB 2.0 x 4, USB 3.0 OTG x 1, COM x 2 (RS-232/422/485 x 2)
- Optional Wi-Fi, Bluetooth, and 3G for Connectivity

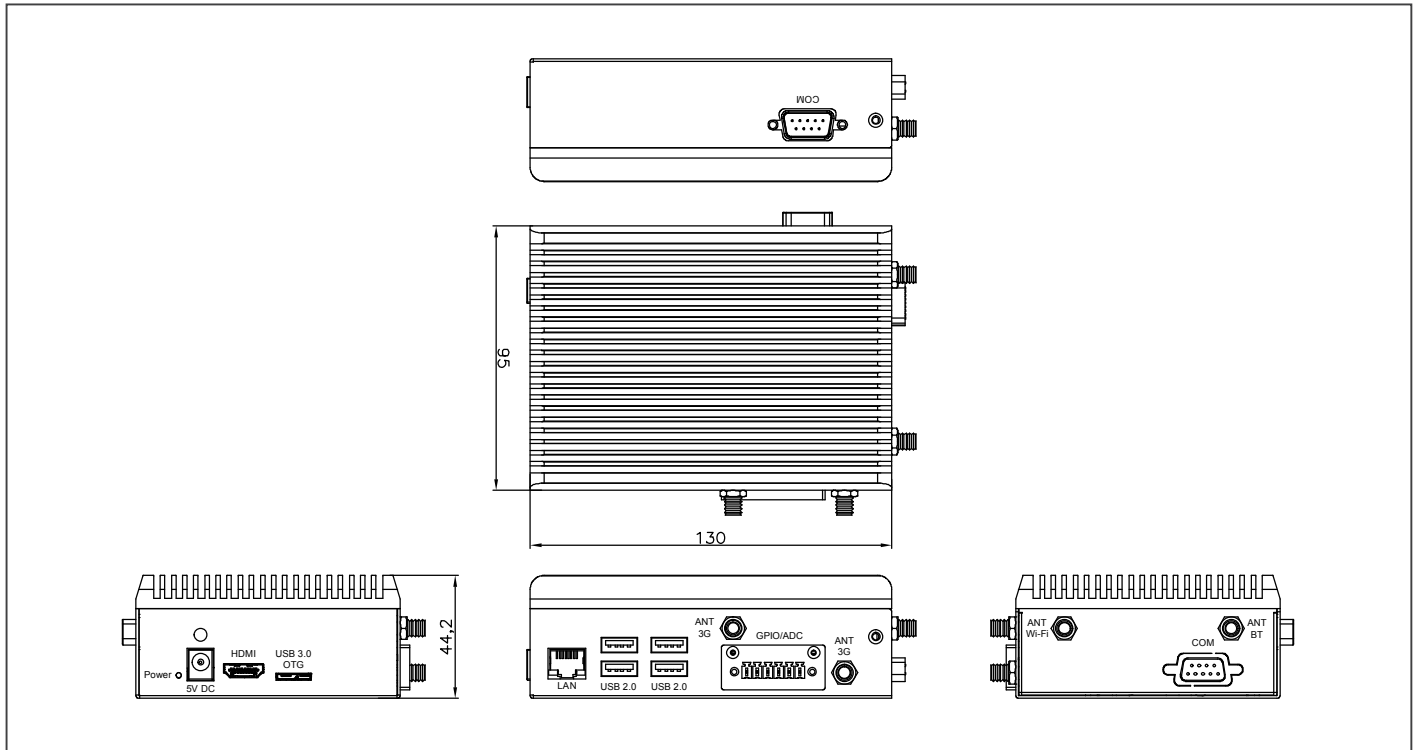


Specifications

System	
CPU	Intel® Atom™ x5-z8350 SoC
Memory	Onboard 2GB DDR3L-1600 memory
Graphics	Intel® HD 400 Graphics ,12 EU GEN 8, up to 500 MHz H.264, HEVC (decode), VP8
Storage	32GB 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
Optional	USB interface for WiFi Module x 1 USB interface for Bluetooth module x 1 Mini PCIe slot for 3G module x 1 (USB interface) Micro SIM Socket x 1
I/O Placements	
External I/O Connector	RJ45 Connector x 1 HDMI Connector x 1 COM x 2 (RS-232/422/485 x 2) USB 2.0 Stack Connector x 2 USB 3.0 OTG x 1 DC connector x 1 6 pin block connector x 1 (8 bit ADC x 1, Analog GND x 1, GPIO x 3, Digital GND x 1)
Others	
Power	5V DC Only
Form Factor	130 mm x 95mm x 44.2 mm
Operating Temperature	0°C ~ 50°C
Operating Humidity	0% ~ 90% relative humidity, non-condensing
Certification	CE, FCC
OS Support	Windows® 10, Ubuntu 16.04, Android 6.0

Dimension

Unit: mm



Ordering Information

Product SKU	Description
AIOT-IGWS01-A20-CA40232	AIOT-IGWS01, w/2G memory, 32G eMMC, 3GHAT, 2 x COM port, w/o VESA plate
AIOT-IGWS01-A20-CA41232	AIOT-IGWS01, w/2G memory, 32G eMMC, 3GHAT, 2 x COM port, w/ VESA plate
AIOT-IGWS01-A30-CA40232	AIOT-IGWS01, w/2G memory, 32G eMMC, 3GHAT, 2 x RS-485 port, w/o VESA plate

Packing List

- AIOT-IGWS01

Optional Accessories

- **UP-WIFIKIT-A20-7001**
WIFI KIT with 7M, module, A01
- **UP-BTKIT-A20-0001**
BT KIT with bluetooth, module, A01