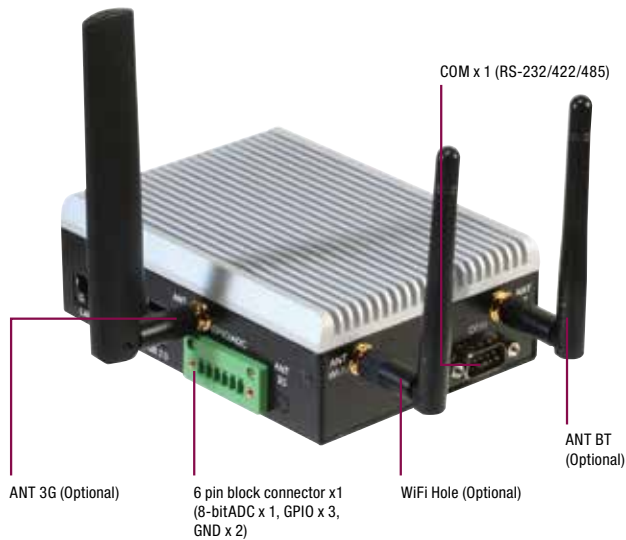


Industrial Automation IoT Gateway

Front View



Rear View



Features

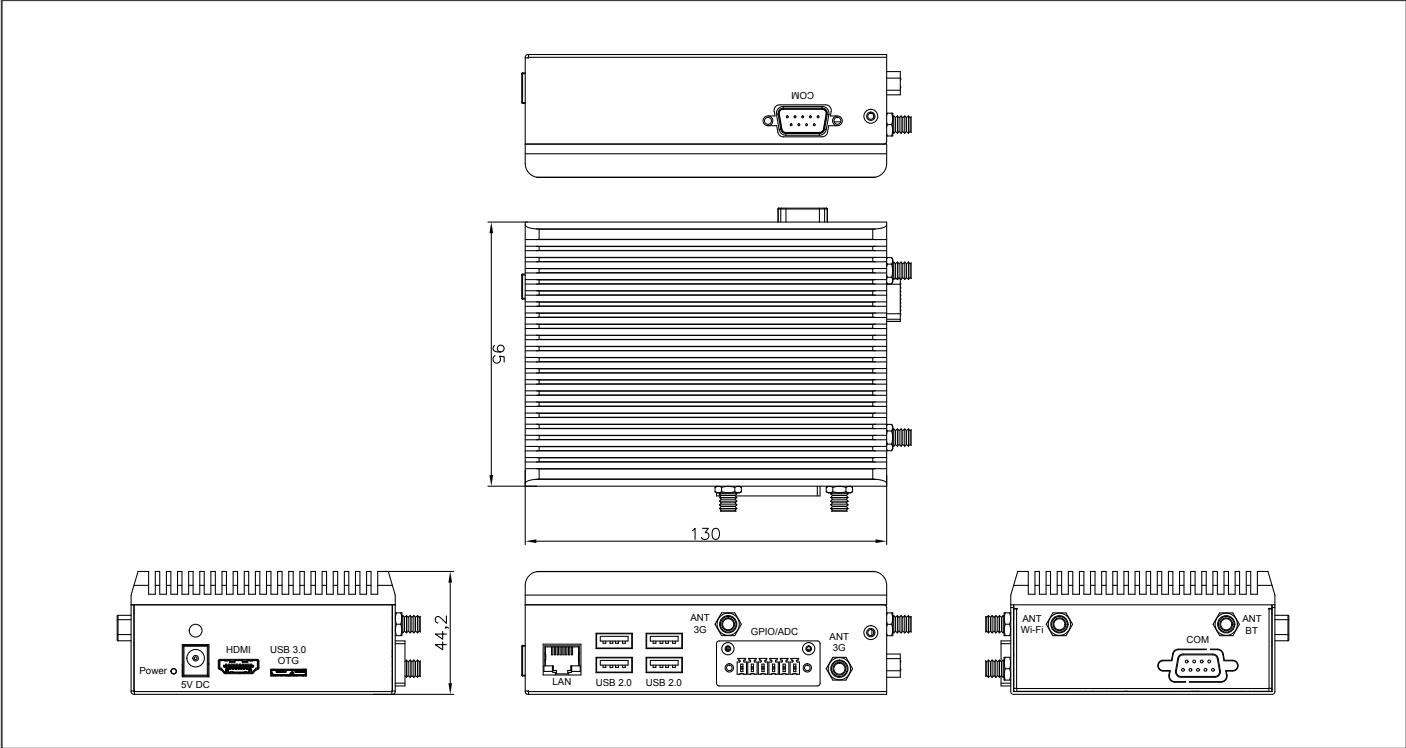
- Intel® Atom™ x5-Z8350 SoC
- Onboard 2GB DDR3L Memory, 32GB eMMC Storage
- Gigabit LAN x 1, HDMI x 1
- USB 2.0 x 4, USB 3.0 OTG x 1, COM x 2 (RS-232/422/485 x 2)
- Optional Wi-Fi, Bluetooth, and 3G or 4G LTE for Connectivity



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 (IEEE 802.11a/b/g/n/ac) USB interface for Bluetooth module x 1 (Bluetooth 4.0) Mini PCIe slot for 3G or 4G LTE 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-bitADC x 1, GPIO x 3, GND x 2)
Others	
Power	5V DC Only
Form Factor	5.12" x 3.74" x 1.74" (130mm x 95mm x 44.2mm)
Operating Temperature	32°F ~ 122°F (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, Z8350, w/2G memory, 32G eMMC, 3GHAT, 2 x COM 485 port.w/o VESA plate
AIOT-IGWS01-A30-CA41232	AIOT-IGWS01, Z8350, w/2G memory, 32G eMMC, 3GHAT, 2 x COM 485 port.w/ VESA plate
AIOT-IGWS01-A40-CA40232	AIOT-IGWS01, Z8350, w/2G memory, 32G eMMC, 3GHAT, 2 x COM 422 port.w/o VESA plate
AIOT-IGWS01-A40-CA41232	AIOT-IGWS01, Z8350, w/2G memory, 32G eMMC, 3GHAT, 2 x COM 422 port.w/VESA plate

Packing List

- AIOT-IGWS01

Optional Accessories

- 1255300203**
Power Adapter, AC/DC, 100-240VAC, 20W, 5V DC/4A
- UP-BTKIT-A20-0001**
BT Kit with Bluetooth Module, A01
- UP-WIFIMD-A20-5001**
WiFi Kit with 5M02 Module. A01
- 9741911300**
WiFi 802.11a/b/g/n + BT4.0 + Zig Bee, RS9113-NBZ-D3N Module Kit
- 9741UC20G0**
3G Module Kit with UC20-G
- 9741EC25A0**
4G LTE Module kit with EC25-A for AT&T
- 9741EC25V0**
4G LTE Module Kit with EC25-V for Verizon
- 9741EC25E0**
4G LTE Module Kit with EC25-E for Europe & Asia