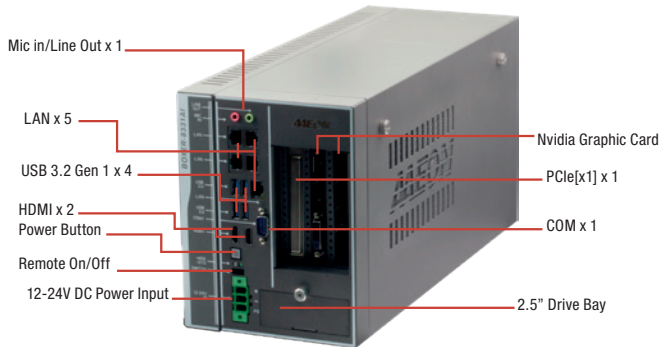


AI@Edge Box PC with 6th / 7th Gen Intel® Core™ i and Xeon® Processor

Front View



Rear View



## Features

- Support 6th / 7th Core™ i desktop and Xeon® server-grade processor, Max 73W.
- Intel® C236 PCH
- Built in RTX-2060 GPU Card (A1)
- Built in RTX-2080TI GPU Card (A2)
- Wide Range Power Input: 12-24Vdc

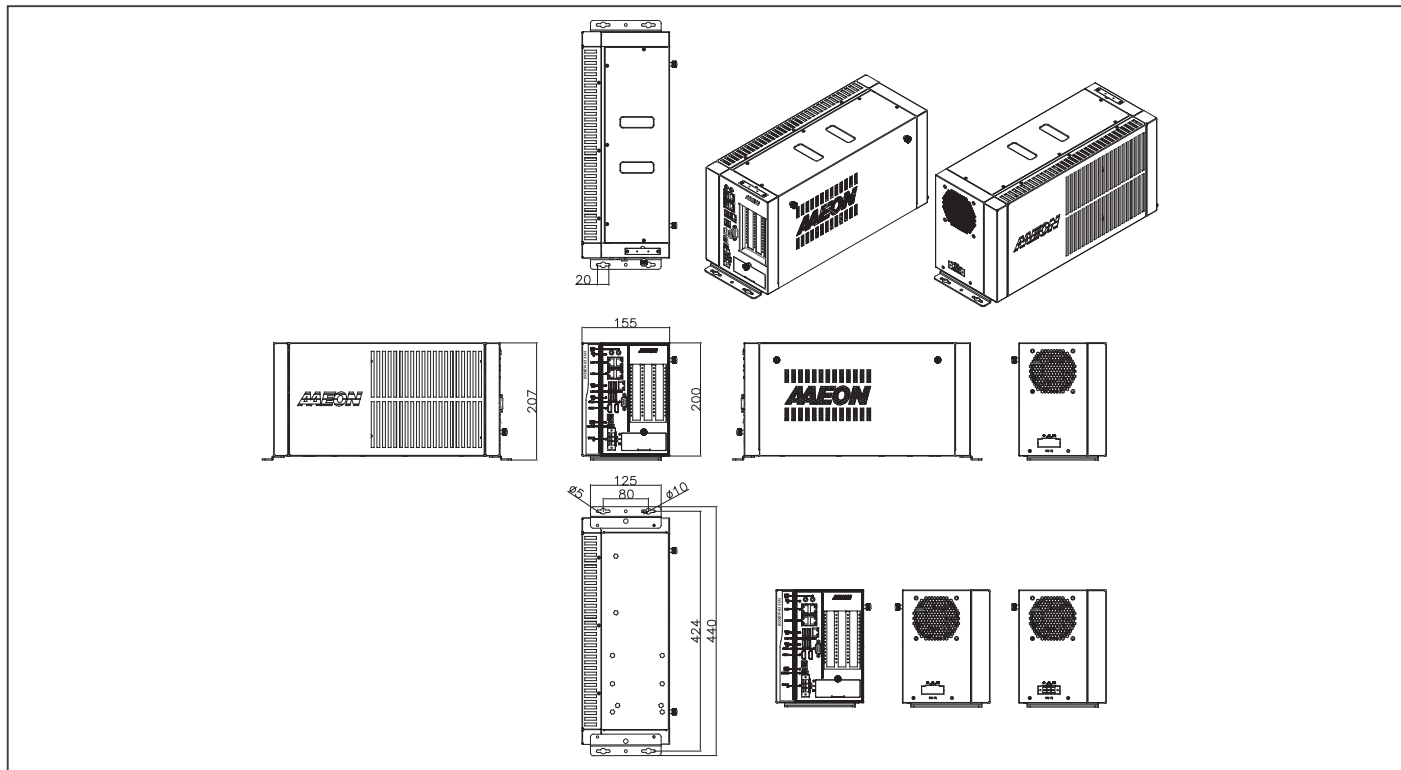


## Specifications

System	
AI Accelerator	Nvidia RTX Graphic Card
CPU	6th / 7th Gen Intel® Core™ i desktop and Xeon® server grade processor -Intel® Core™ i7-6700TE, 2.4 GHz -Intel® Core™ i5-6500TE, 2.3 GHz -Intel® Core™ i3-6100TE, 2.7 GHz -Intel® Core™ i7-7700T, 2.9 GHz -Intel® Core™ i7-7700, 3.6 GHz -Intel® Core™ i3-7101TE, 3.4 GHz Intel® Xeon® E3-1268L v5, 2.40 GHz Intel® Xeon® E3-1275 v6, 3.80 GHz
System Memory	DDR4 ECC or Non-ECC SODIMM, up to 32GB
Storage Device	2 x 2.5" Drive Bay
Display Interface	System : HDMI 1.4b (Debug Mode Only) Nvidia RTX Graphic Card Display
Ethernet	10/100/1000 Base-TX x 5
I/O	2 pin Remote Power on/off connector Power ON/OFF Switch x 1 HDMI type A x 2 for HDMI v1.4b Audio x 2 (MIC-in, Line-out) USB 3.2 Gen 1 x 4 DB-9 x 1 for RS-232/422/485 3 pin DC Power input x 1 (+, -, GND) RJ-45 x5 for GbE LAN (Intel i211AT x 4, i219LM x 1)
Expansion	Full-size Mini card x 2 (USB/miniPCIe, w/ 1 SIM slot) Built in RTX-2060 Super GPU Card (A1) Built in RTX-2080Ti GPU Card (A2) 1 x PCIe[x1]
Indicator	Power LED x 1, HDD active LED x 1
OS Support	Skylake S Windows® 10, Windows® 10 IoT, Windows® 8.1, Windows® Embedded Standard 8, Windows® 7, Windows® Embedded Standard 7, Ubuntu 16.04.2 Kabylake Windows® 10, Windows® 10 IoT, Ubuntu 16.04.2
Power Supply	
Power Requirement	System Power DC 12~24V 240W x1 Graphic Card Power DC 12V 240W x1
Mechanical	
Mounting	Wallmount
Dimensions (W x H x D)	6.10" x 7.87" x 15.75" (155mm x 200mm x 400mm)
Gross Weight	18.29 lb (8.3 Kg)
Net Weight	14.53 lb (7 Kg)
Environmental	
Operating Temperature	0°C ~ 40°C according to IEC60068-2 with 0.5 m/s AirFlow ; with industrial devices
Storage Temperature	-4°F ~ 176°F (-40°C ~ 80°C)
Storage Humidity	5 ~ 95% @ 40C, non-condensing
Anti-Vibration	Random, 1Grm, 5~500Hz, anti-vibration design
Certification	CE/FCC class A

## Dimension

Unit: mm



## Ordering Information

Part Number	CPU	PCH	LAN	USB 3.2 Gen 1	RS-232/422/485	RS-232	Digital I/O	Audio	Storage	Display	Expansion	Mounting	Power	Operation temp.
BOXER-8331AI-A1-1010	—	C236	5	4	1	—	—	MIC-in, Line-out	2.5" Drive Bay x2	RTX-2060 Super Display Output	RTX-2060 Super GPU Card 1 x PCIe[x1]	Wallmount	System Power: DC 12-24V 240W x1 Graphic Card Power: DC 12V 240W x1	0°C ~ 40°C with 0.5m/s airflow
BOXER-8331AI-A2-1010	—	C236	5	4	1	—	—	MIC-in, Line-out	2.5" Drive Bay x2	RTX-2080TI Display Output	RTX-2080TI GPU Card 1x PCIe[x1]	Wallmount	System Power: DC 12-24V 240W x1 Graphic Card Power: DC 12V 240W x1	0°C ~ 40°C with 0.5m/s airflow

## Packing List

- Wallmount Bracket x 2
- 3 Pin DC-in Power Connector x 1
- Screw Package x 1
- Thermal Pad Package x 1
- BOXER-8331AI

## Optional Accessories

- **1255902400**  
240W Power Adapter
- **1702031802**  
Power Cord (US type)
- **1702031803**  
Power Cord (European Type)
- **170203180E**  
Power Cord (Japanese Type)
- **9741238H00**  
WiFi Module & Antenna
- **9741EC20E0**  
4G Module & Antenna (for Europe)
- **9741EC25A0**  
4G Module & Antenna (for USA-AT&T)
- **9741EC25V0**  
4G Module & Antenna (for USA-Verizon)