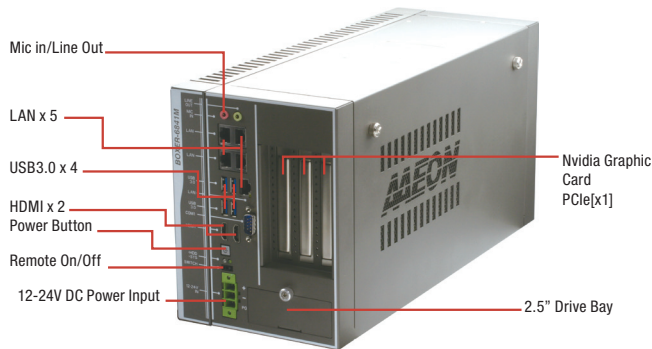


Vision System Embedded controller with 6th / 7th Gen Intel[®] Core™ i and Xeon[®] Processor

Front View



Rear View



Features

- Support 6th / 7th Core™ i desktop and Xeon[®] server-grade processor, Max 73W.
- Intel[®] C236 PCH
- Easy Installation design for expand slot
- Built in EVGA RTX2060 XC ULTRA 6GB GDDR6 (A1)
- Built in EVGA RTX2080Ti 11GB Black Edition BP GAMING GDDR6 (A2)
- System Fan with PWM function

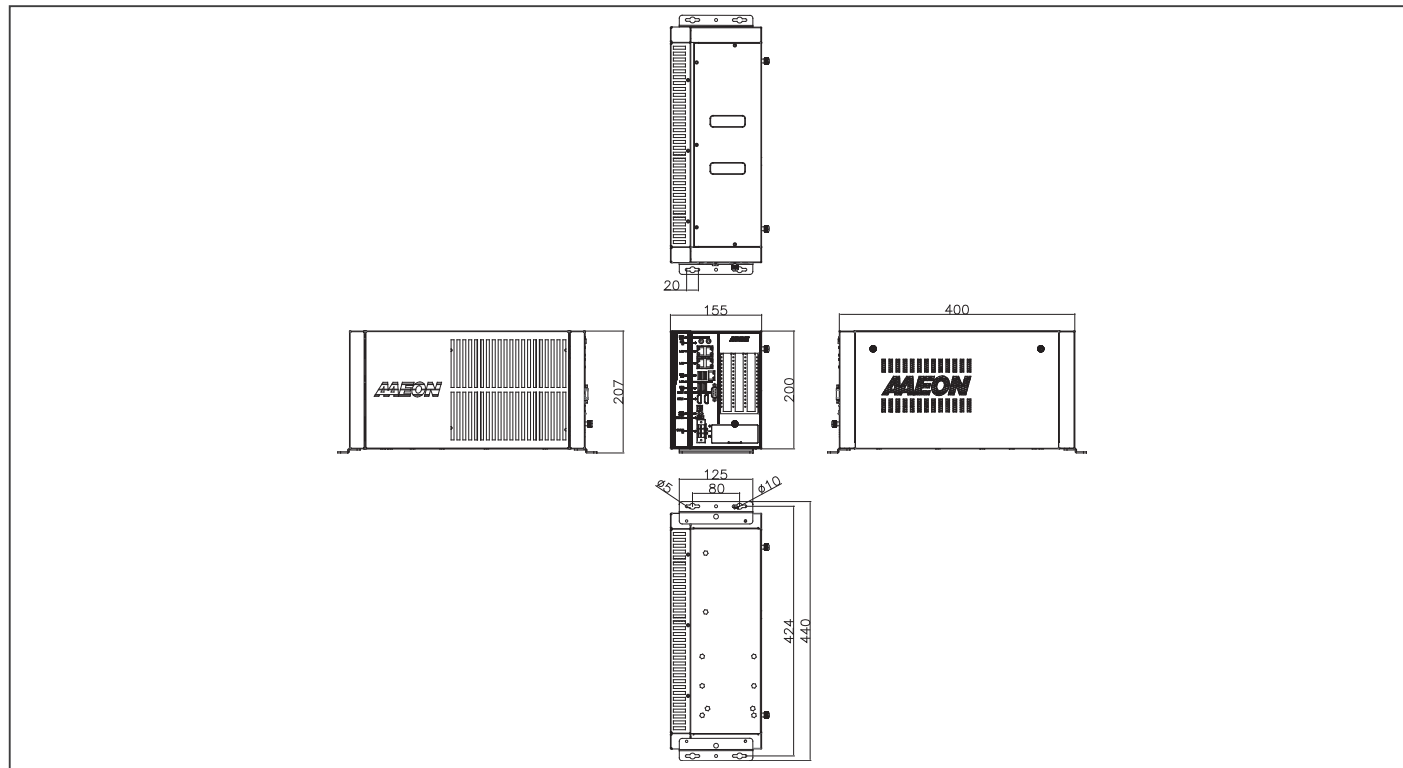


Specifications

System	
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
Chipset	Intel [®] C236 PCH
System Memory	DDR4 ECC or Non-ECC SODIMM, up to 32GB
AI Solution	EVGA RTX2060 6GB XC ULTRA GDDR6
Display Interface	System : HDMI 1.4b GPU Card : DVI-D x 1, HDMI x 1, DisplayPort x 2 (A1), DisplayPort x 3, USB Type-C x 1, HDMI x 1(A2)
Storage Device	2 x 2.5" Drive Bay
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 3.0 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) 1 x PCIe[x16], Built in EVGA RTX2060 6GB XC ULTRA GDDR6 graphic card (A1) Built in EVGA RTX2080Ti 11GB Black Edition BP GAMING GDDR6 (A2) - Graphic card size limit: 114.55mm(H) x 350mm (L) 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 7, Windows [®] 7, Windows [®] Embedded Standard 7, Ubuntu 16.04.2 Kabylake Windows [®] 10, Windows [®] 10 IoT, Ubuntu 16.04.2
Power Supply	
Power Requirement	DC-In 12-24V 330W Adapter (A1) DC-In 12-24V For System Power, DC-In 12V only For Graphic Card (A2) - CPU ≤ 73W, 180W < Graphic Card < 250W : 240W Adapter x 2
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	-20°C ~ 55°C according to IEC60068-2 with 0.5 m/s airFlow ; with industrial devices (TDP 35W Processor) -20°C ~ 45°C according to IEC60068-2 with 0.5 m/s airFlow ; with industrial devices (TDP 73W Processor)
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 3.0	RS-232/422/485	RS-232	Digital I/O	Audio	Storage	Display	Expansion	Mounting	Power	Operation temp.
BOXER-8210AI-A1-1010	—	C236	5	4	1	—	—	MIC-in, Line-out	2.5" Drive Bay x2	DVI-D x1, HDMI x1, DisplayPort x2	EVGA RTX2060 6GB XC ULTRA GDDR6	Wallmount	DC 12-24V - CPU ≤ 73W, 180W Graphic Card: 330W Adapter	-20°C ~ 55°C with 0.5m/s airflow (TDP 35W Processor) -20°C ~ 45°C with 0.5m/s airflow (TDP 73W Processor)
BOXER-8210AI-A2-1010	—	C236	5	4	1	—	—	MIC-in, Line-out	2.5" Drive Bay x2	DisplayPort x3, USB Type-C x1, HDMI x1	EVGA RTX2080Ti 11GB Black Edition BP GAMING GDDR6	Wallmount	DC-In 12-24V For System Power, DC-In 12V only For Graphic Card - CPU ≤ 73W, 180W < Graphic Card < 250W : 240W Adapter x 2	-20°C ~ 55°C with 0.5m/s airflow (TDP 35W Processor) -20°C ~ 45°C with 0.5m/s airflow (TDP 73W Processor)

Packing List

- Wallmount Bracket x 2
- 3 Pin DC-in Power Connector x 1
- Screw Package x 1
- Thermal Pad Package x 1
- Product DVD
- BOXER-8210AI

Optional Accessories

- **1255902400**
240W Power Adapter
- **1255903300**
330W 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)