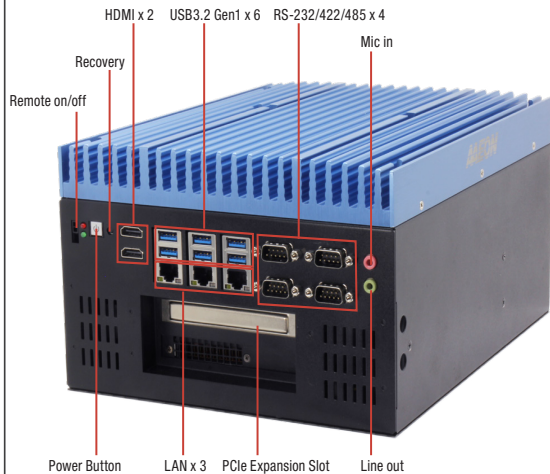


BOXER-8332AI-CFL

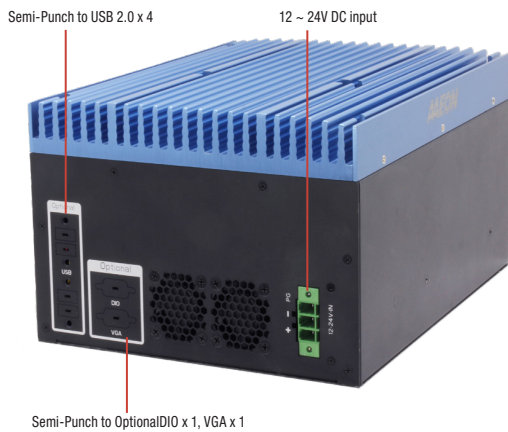
High Computing Power AI Edge Server with 8th/9th Generation Intel® Processor & Nvidia A2

Edge AI Server

Front View



Rear View



Features

- High Computing Power
- Built in Nvidia A2 x1
- Intel Coffee Lake-S LGA 1151 Desktop Processor
- HDMI x2 for Dual Display
- Support C246 PCH
- Support PCIe4
- Single Power Input (for both System & one Graphics Card)



Specifications

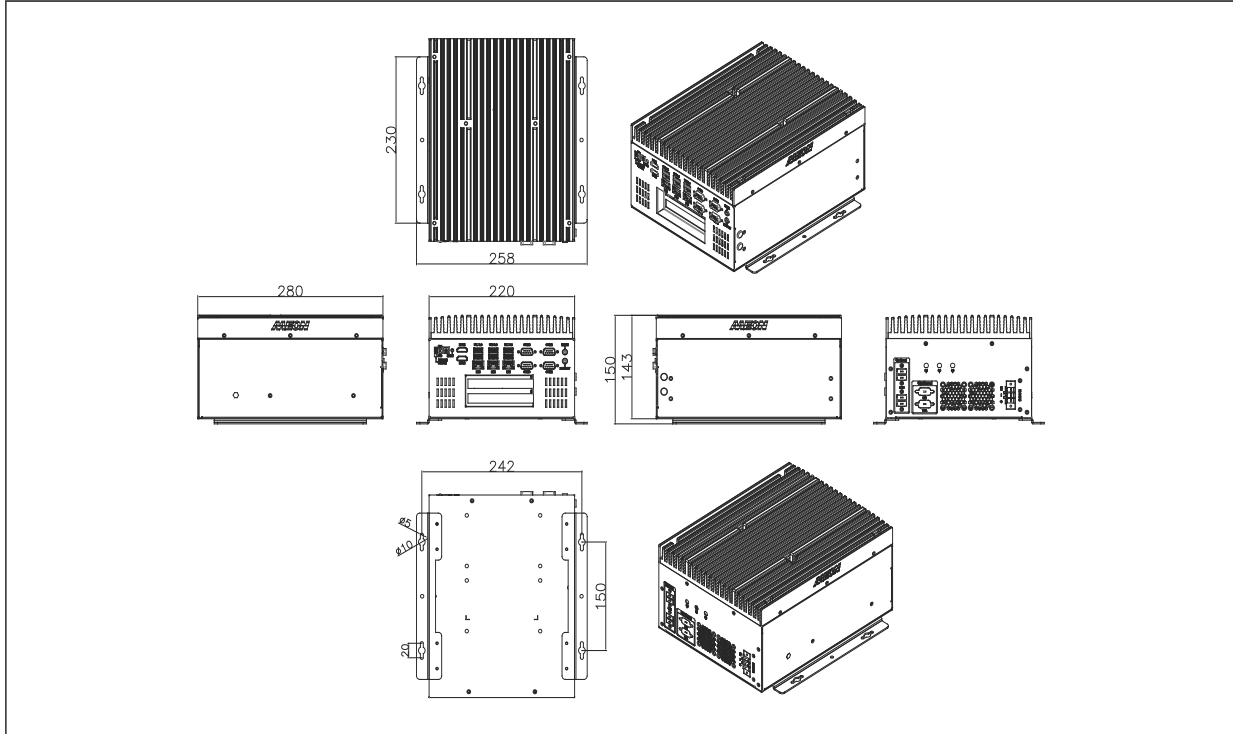
System	
CPU	Intel® Xeon® E-2124G Intel® Core™ i7-9700TE Intel® Core™ i7-8700T Intel® Core™ i5-8500T Intel® Core™ i3-8100T Intel® Pentium® G5400T Intel® Celeron® G4900T Intel® Xeon® E-2278GEL Note: Support max. TPD 71W Processor
Chipset	C246, No H310 downward support
System Memory	DDR4 SO-DIMM socket x4 (double deck) Support max. 2666MHz up to 128GB Support un-buffered and ECC / non-ECC type SODIMM
Storage Device	2.5" SATA Drive Bay x2 (4 SATA Port w/ RAID Function) Half-size Minicard x1 for mSATA (optional) M.2 2280 NVMe slot x1
Display Interface	HDMI 1.4 x2 Support Dual Independent Display, 4K Ultra HD displays
Ethernet	RJ-45 x3 for GbE LAN (Intel i211AT x2, i219LM x1)
I/O	USB Type-A x6 for USB3.2 Gen1 DB9 x4 For RS-232/422/485 Mic-in x1, Line-out x1 Power ON/OFF switch x1 Remote power on/off connector x1 Reset switch x1 SMA Antenna Holes x3
Expansion	Full-size Minicard x1 (PCIe + USB with 1 SIM Slot) Half-size Minicard x1 (PCIe + USB, optional for mSATA) M.2 M key (2280) x1 (PCIEx4) Built in Nvidia A2 x1 PCIe [x4] x1
Indicator	System Power LED x1 (Green) Storage Active LED x1 (Red)
OS Support	Windows® 10 Enterprise 64 bit Ubuntu 20.04.3/Kernel 5.40.-72
Power Supply	
Power Requirement	DC In 12~24V x1 for 3-pin Terminal block
Mechanical	
Mounting	Wallmount
Dimensions (W x D x H)	8.66" x 5.91" x 11.02" (220 mm x 150 mm x 280 mm)
Gross Weight	17.64 lb (8 kg)
Net Weight	15.43 lb (7 kg)
Environmental	
Operating Temperature	32°F~104°F (0°C ~ 40°C) IEC68-2 with 0.5 m/s AirFlow
Storage Temperature	-49°F~-176°F (-45°C ~ 80°C)
Storage Humidity	5 ~ 95% @ 40°C, non-condensing
Anti-Vibration	SSD : Random, 1Grms, 5~500Hz
Anti-Shock	SSD : 5G @ wallmount, Half-sine, 11ms
Certification	CE/FCC class A , UKCA

BOXER-8332AI-CFL

01

Edge AI Server

Dimension Unit: mm



Ordering Information

Part Number	CPU	PCH	LAN	USB 3.2 Gen1	USB 2.0	RS-232	RS-232/422/485	Digital I/O	Audio	Storage	Display	Expansion	Mounting	Power	Operation temp.
BOXER-8332AI-CFL-A2-1010	—	C246	3	6	—	—	4	—	Mic-in, Line-out x1	2.5" SATA Drive bay x2 mSATA x1 (optional) M.2 2280 NVMe SSD slot x1	HDMI x2	Full-size Minicard x1 (PCIe + USB with 1 SIM Slot) Half-size Minicard x1 (PCIe + USB, optional for mSATA) M.2 M key (2280) x1 (PCIEx4) Built in Nvidia A2 x1 PCIe [x4] x1	Wallmount	DC In 12-24V with 3-pin terminal block	0°C - 40°C with 0.5m/s airflow

Packing List

- Nvidia A2 x1
- Wallmount Bracket x2
- 3 Pin DC-in Power Connector x1
- Screw Package x1
- Thermal Pad Package x1
- BOXER-8332AI-CFL x1

Optional Accessories

- **1255901209**
120W Power Adapter
- **1255902400**
240W Power Adapter
- **1255903300**
330W Power Adapter
- **1702031802**
Power Cord (US type)
- **1702031803**
Power Cord (European Type)
- **170203180E**
Power Cord (Japanese Type)
- **9741324A00**
WiFi Module & Antenna
- **9741EG25G0**
4G Module & Antenna (for global)

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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