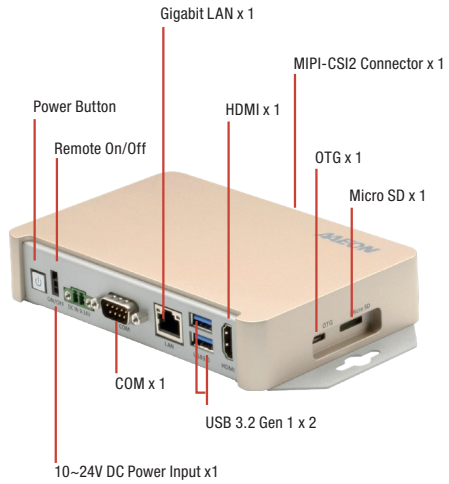
BOXER-8130AI

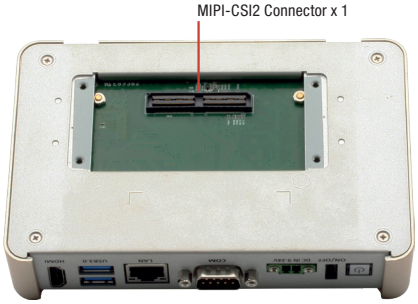
AI@Edge Fanless Embedded Box PC with NVIDIA Jetson TX2, MIPI-CSI2 interface

Front View



Rear View

Bottom View



Features

- **Nvidia TX2 Module**
- **HMP Dual Denver 2 + Quad ARM A57**
- **8GB LPDDR4**
- **32GB eMMC 5.1**
- **HDMI 2.0**
- **USB 3.2 Gen 1 x 2**
- **GbE LAN x 1**
- **RS-232 x1**
- **MIPI-CSI2 connector x1**
- **Compact Size chassis**

Gigo LAN USB 3.2 Gen 1 CE FC

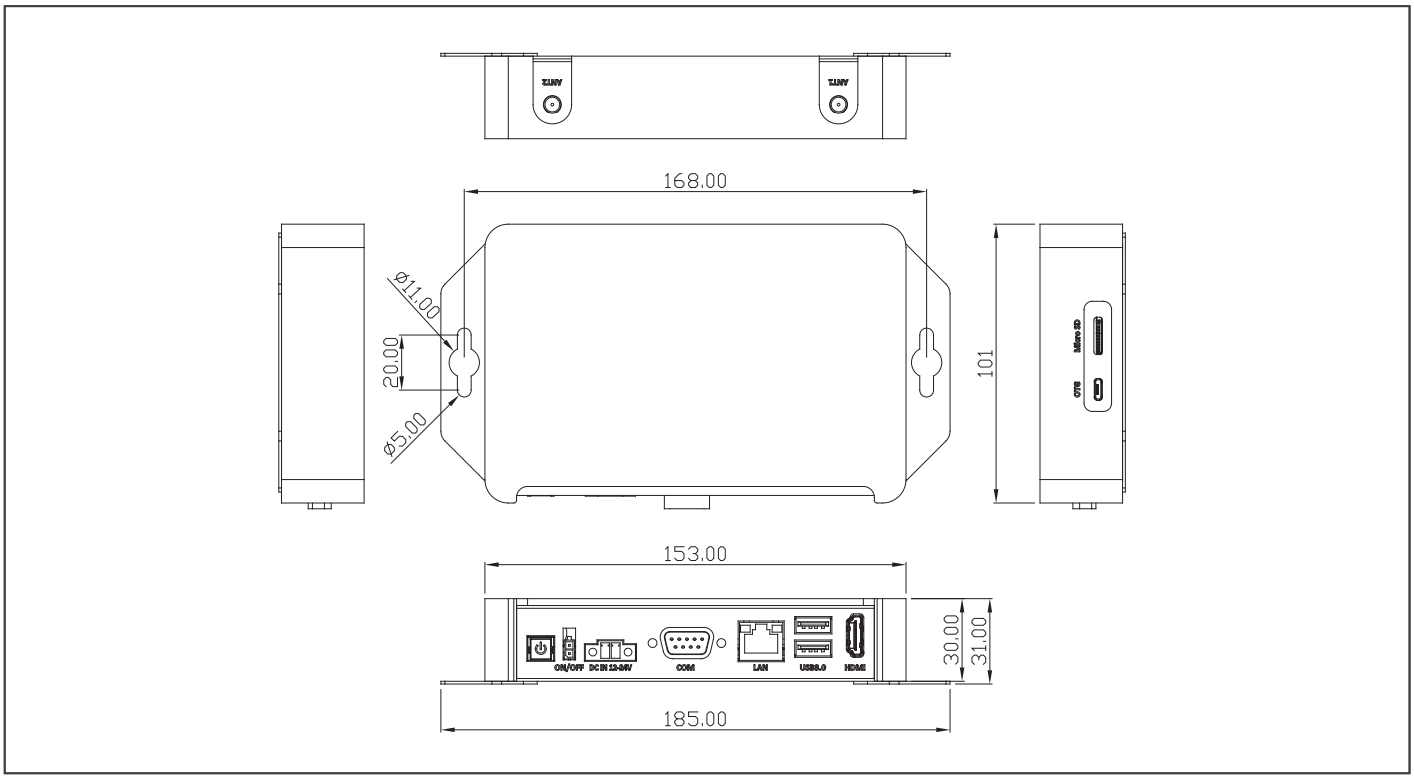
Specifications

System	
CPU	HMP Dual Denver 2 + Quad ARM A57
Chipset	N/A
System Memory	8GB LPDDR4
AI Solution	Nvidia Jetson TX2
Display Interface	HDMI 2.0 x 1
Storage Device	32GB eMMC 5.1 MicroSD
Ethernet	10/100/1000 Base-TX x 1
I/O	USB Type A x 2 for USB 3.2 Gen 1 RJ-45 x 1 for GbE LAN Ethernet DB-9 x 1 for RS-232 Remote on/off switch x 1 Antenna Holes x 2 MicroSD x 1 OTG x 1
Expansion	SATA x1 (optional) USB 2 x 3 (optional) MIPI-CSI2 board to board connector x 1 (The connector used on the carrier board is a Samtec QSH-060-01-H-D-A. The mating connector is a Samtec QTH-060-01-H-D-A.)
Indicator	Power LED
OS Support	AAEON ACLinux 4.9, Compliance with Ubantu 18.04
Power Supply	
Power Requirement	10~24V with 2-pin terminal block
Mechanical	
Mounting	Wallmount
Dimensions (W x H x D)	6.02" x 1.18" x 3.98" (153mm x 30mm x 101mm)
Gross Weight	4.40 lb (2 Kg)
Net Weight	2.20 lb (1 Kg)
Environmental	
Operating Temperature	-4°F ~ 122°F(-20°C ~ 50°C,with 0.5 m/s AirFlow)
Storage Temperature	-13°F ~176 °F (-25°C ~ 80°C)
Storage Humidity	95% @ 40°C, non-condensing
Anti-Vibration	Random, 5 Grm, 5~500Hz
Certification	CE/FCC class A

Note: All specifications are subject to change without notice.

Dimension

Unit: mm



Ordering Information

Part Number	CPU	PCH	RAM	LAN	USB 3.2 Gen 1	USB 2.0	RS-232	RS-232/422/485	Digital I/O	Audio	Storage	Display	Expansion	Mounting	Power	Operation temp.
BOXER-8130AI-A1-1010	HMP Dual Denver 2 + Quad ARM A57	—	8	1	2	—	1	—	—	—	32G eMMC	HDMI x 1	MicroSD x1 SATA x1 (option) USB 2 x 3 (option) MIPI-CSI2 board to board connector x1	Wallmount	10V ~ 24V	-20°C ~ 50°C

Packing List

- **Wallmount Bracket x 1**
- **Power Connector x 1**
- **BOXER-8130AI**

Optional Accessories

- **1255300611**
  Power Adapter
- **1702031802**
  Power Cord (US Type)
- **1702031803**
  Power Cord (Europe)
- **170203180E**
  Power Cord (Japan)