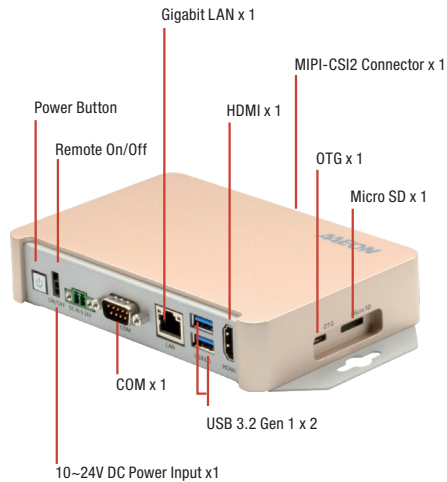


BOXER-8130AI

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

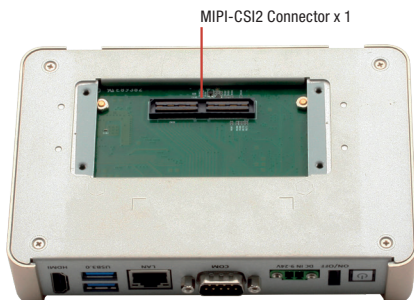
Front View



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

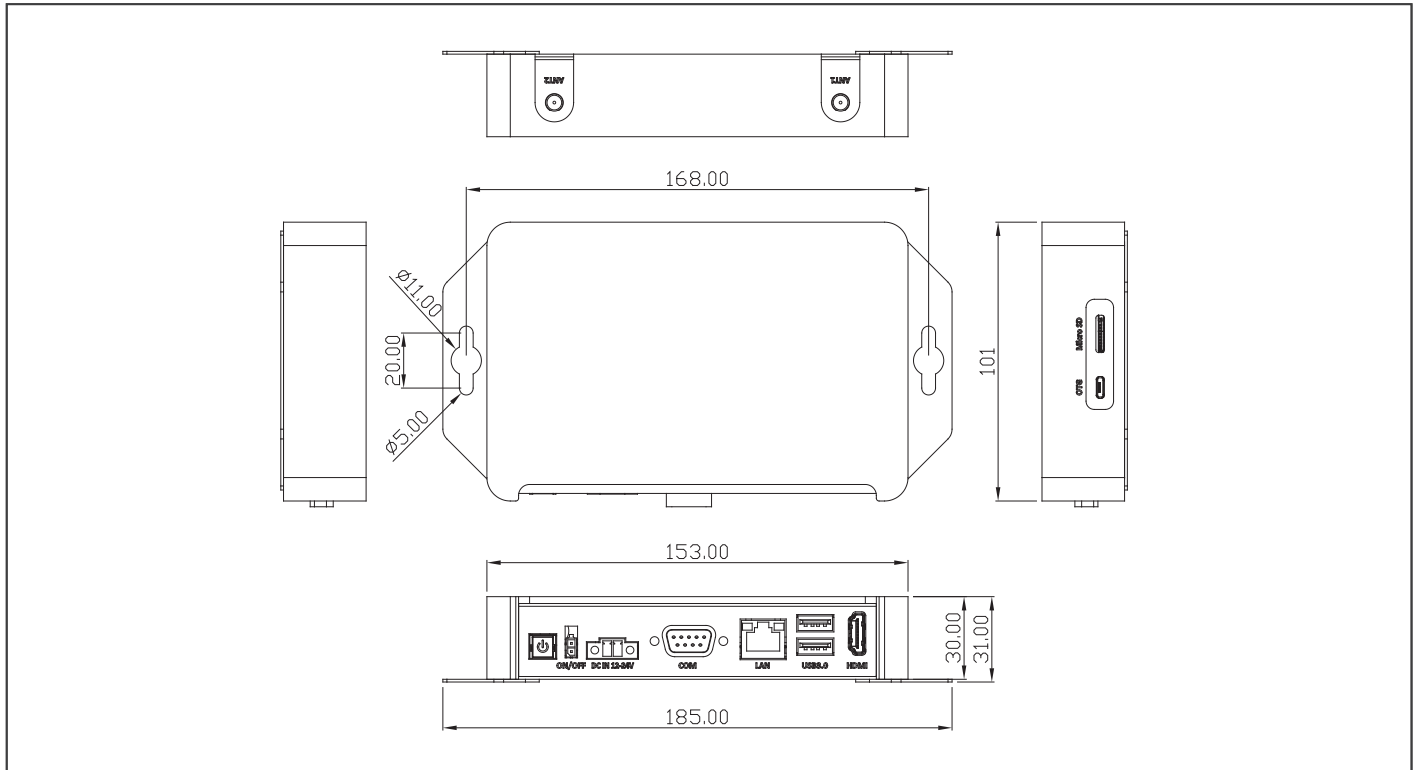


Specifications

| System | |
|------------------------|---|
| AI Accelerator | Nvidia Jetson TX2 |
| CPU | HMP Dual Denver 2 + Quad ARM A57 |
| System Memory | 8GB LPDDR4 |
| Storage Device | 32GB eMMC 5.1 MicroSD |
| Display Interface | HDMI 2.0 x 1 |
| 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 AALinux 4.9, Compliance with Ubuntu 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 |

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)