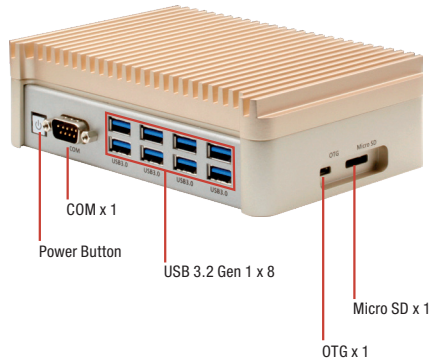


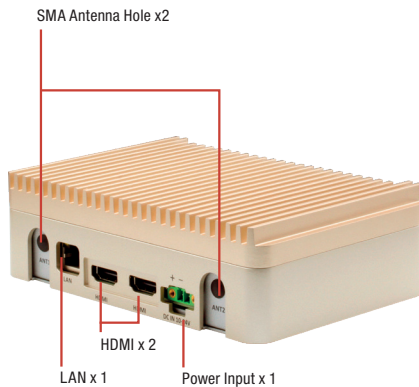
BOXER-8150AI

AI@Edge Fanless Embedded Box PC with NVIDIA Jetson TX2, 8 USB 3.2 Gen 1

Front View

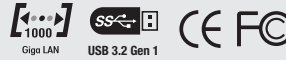


Rear View



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 8
- GbE LAN x 1, COM x 1
- Compact Size chassis

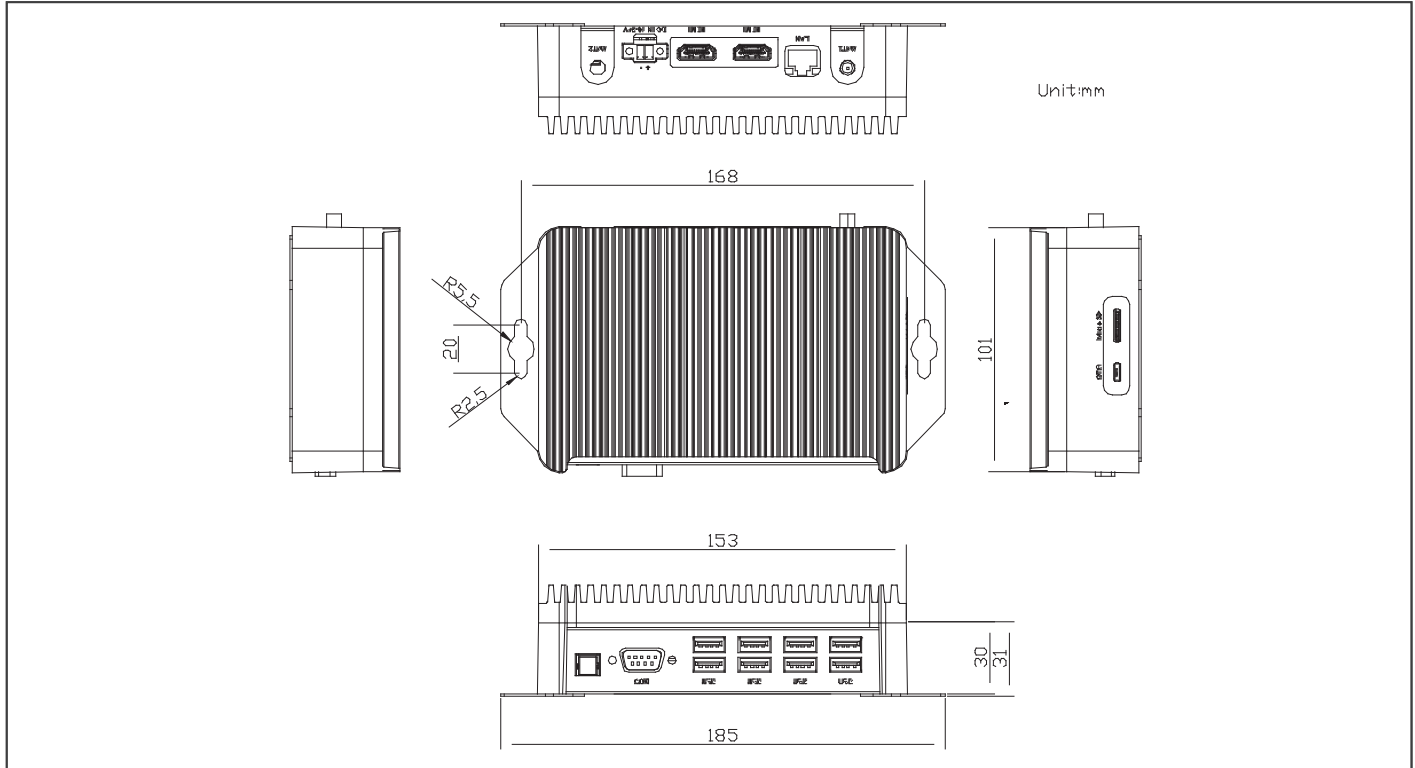


Specifications

| 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 2 |
| Ethernet | 10/100/1000 Base-TX x 1 |
| I/O | USB Type A x 8 for USB 3.2 Gen 1 DB-9 x1 for RS-232 HDMI 2.0 x 2 Power Switch 2-pin 10~24V DC-in Connector RJ-45 x1 for GbE LAN Ethernet Antenna Holes x 2 MicroSD x 1 OTG x 1 |
| Expansion | SATA x1 (optional) DB-9 RS-232 x1 (optional) 2 channel CANBUS x1 (optional) |
| 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 1.77" x 3.98" (153mm x 45mm x 101mm) |
| Gross Weight | 4.40 lb (2 Kg) |
| Net Weight | 2.2 lb (1 Kg) |
| Environmental | |
| Operating Temperature | -4°F ~122°F (-20°C ~ 50°C, according to IEC60068-2 with 0.5 m/s AirFlow; with Industrial Device) |
| Storage Temperature | -13°F ~176 °F (-25°C ~ 80°C) |
| Storage Humidity | 95% @ 40°C, non-condensing |
| Anti-Vibration | Random, 3 Grms, 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-8150AI-A1-1010 | HMP Dual Denver 2 + Quad ARM A57 | — | 8 | 1 | 8 | — | 1 | — | — | — | 32GB eMMC | HDMI x2 | MicroSD x1 SATA x1 (option) DB-9 RS-232 x1 (option) 2 channel CANBUS x1 (option) | Wallmount | 10V ~ 24V | -20°C ~ 50°C |

Packing List

- Wallmount Bracket x 1
- Power Connector x 1
- BOXER-8150AI

Optional Accessories

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