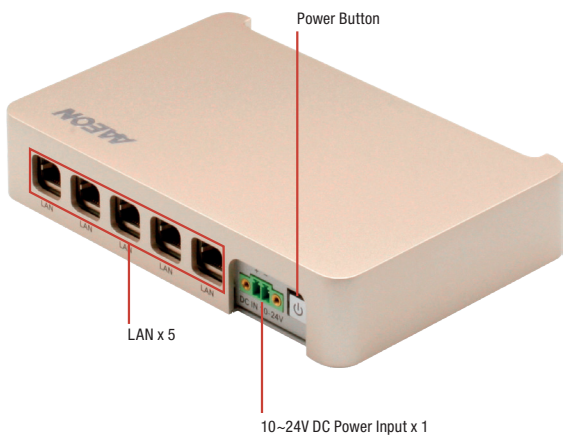
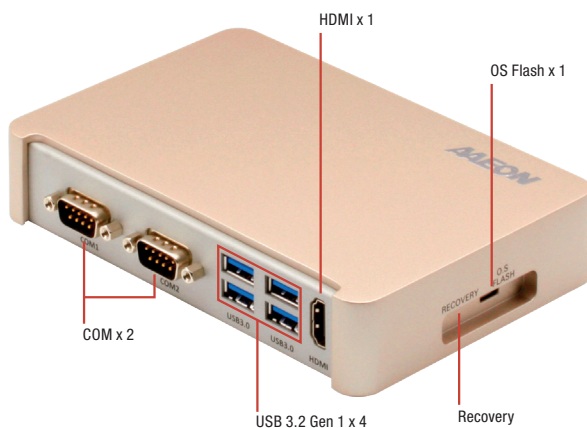


Front View



Rear View



Features

- NVIDIA Jetson nano
- Quad Core ARM A57 Processor
- 4GB LPDDR4 + 16GB Micro-SD or eMMC
- LAN x 5
- USB 3.2 Gen 1 x 4
- 10-24Vdc Power input

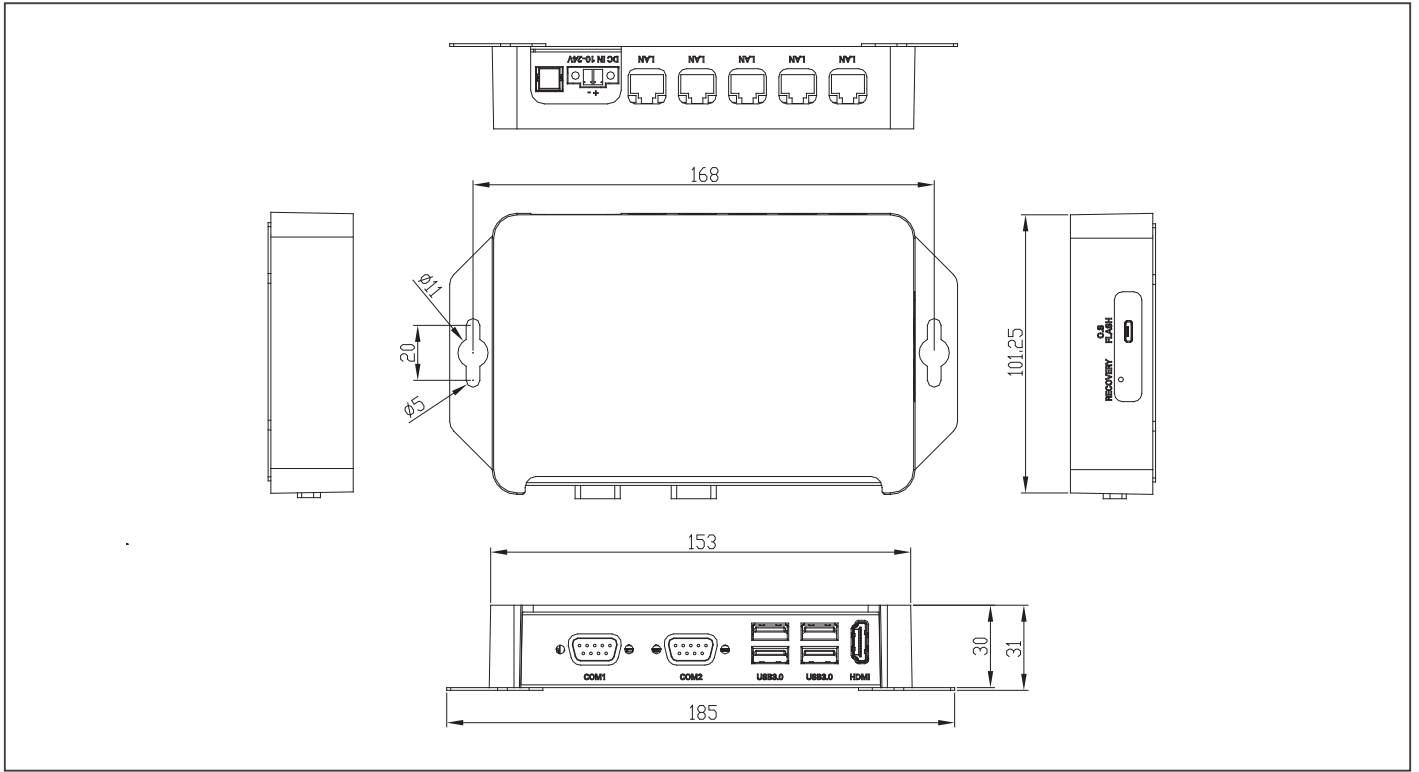


Specifications

| System | |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU | Quad Core ARM® Cortex®-A57 MPCore Processor |
| Chipset | — |
| System Memory | 4GB LPDDR4 |
| AI Solution | Nvidia Jetson Nano |
| Display Interface | HDMI 2.0 |
| Storage Device | 16GB Micro-SD or eMMC |
| Ethernet | 10/100/1000Base-TX x 5 |
| I/O | USB 3.2 Gen 1 x 4 LAN x 5 RS-232 x 2 HDMI x 1 Micro-USB for Flash OS x 1 DC Power Input x 1 Power Button x 1 Recovery Button x 1 |
| Expansion | — |
| Indicator | Power LED x 1 |
| OS Support | ACLinux 4.9 or above (Compatible with Ubuntu 18.04) |
| Power Supply | |
| Power Requirement | 10 ~ 24V DC with 2-pin terminal block |
| Mechanical | |
| Mounting | Wallmount |
| Dimensions (W x D x H) | 6.06" x 3.98" x 1.18" (154 mm x 101 mm x 30 mm) |
| Gross Weight | 4.40 lbs (2 Kg) |
| Net Weight | 2.20 lbs (1 Kg) |
| Environmental | |
| Operating Temperature | -4°F ~ 140°F (-20°C ~ 60°C, according to IEC60068-2 with 0.5 m/s AirFlow) |
| Storage Temperature | -49°F ~ 176°F (-45°C ~ 80°C) |
| Storage Humidity | 95% @ 40°C, non-condensing |
| Anti-Vibration | 3 Grms/ 5 ~ 500Hz/ operation – MicroSD or eMMC |
| Certification | CE/FCC class A |

Dimension

Unit: mm



Ordering Information

| Part Number | AI solution | LAN | USB 3.2 Gen 1 | RS-232 | Storage | Display | Mounting | Power | Operation temp. |
|----------------------|-------------|-----|---------------|--------|------------------|----------|-----------|--------|-----------------|
| BOXER-8220AI-A1-1010 | Jetson Nano | 5 | 4 | 2 | 16GB MicroSD x 1 | HDMI x 1 | Wallmount | 10-24V | -20°C ~ 60°C |

Packing List

- Wallmount Bracket x 2
- Power Connector x 1
- BOXER-8220AI

Optional Accessories

- 1255300611
60W Power Adapter
- 1702031802
Power Cord (US type)
- 1702031803
Power Cord (European Type)
- 170203180E
Power Cord (Japanese Type)