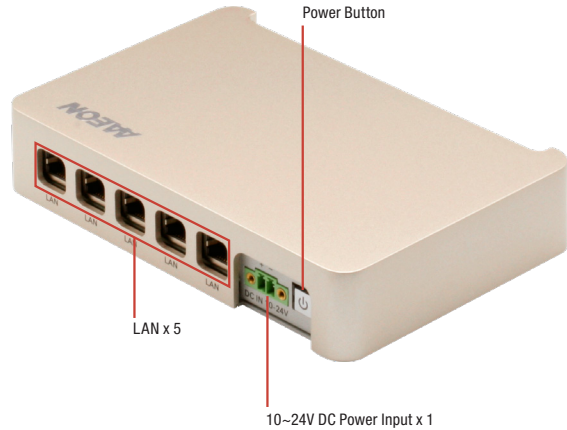
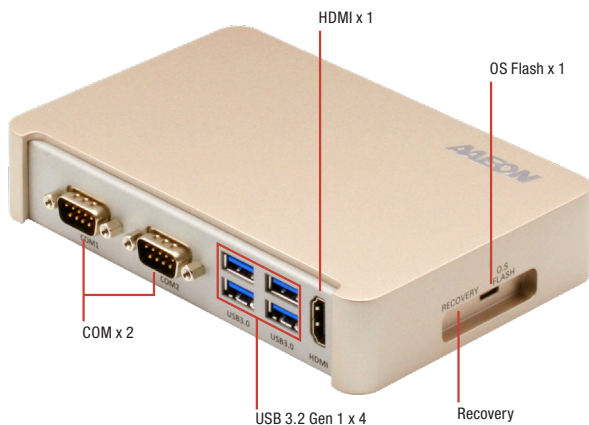


AI@Edge Fanless Embedded Box PC with NVIDIA Jetson Nano, 5 GbE LAN Ports

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

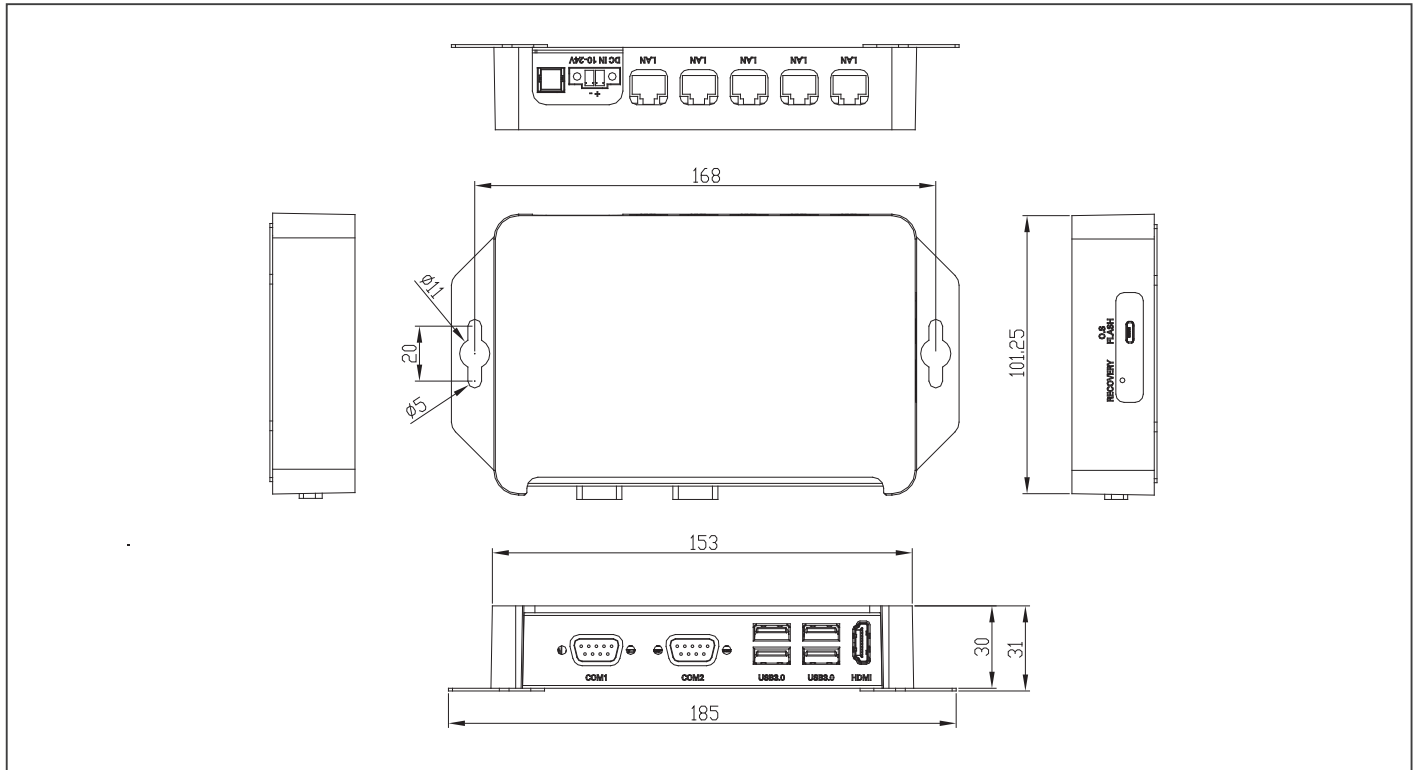


Specifications

System	
AI Accelerator	Nvidia Jetson Nano
CPU	Quad Core ARM® Cortex®-A57 MPCore Processor
System Memory	4GB LPDDR4
Storage Device	16GB Micro-SD or eMMC
Display Interface	HDMI 2.0
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	Linux (AAEON ACLinux 4.9) Linux (NVIDIA Jetpack 4.5)
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
Anti-Shock	—
Certification	CE/FCC class A

Dimension

Unit: mm



Ordering Information

Part Number	AI solution	LAN	USB	RS-232	Storage	Display	Mounting	Power	Operation temp.	Operation System
BOXER-8220AI-A1-1110	Jetson Nano	5	3.2 Gen 1 x 4	2	16GB MicroSD x 1	HDMI x 1	Wallmount	10~24V	-20°C ~ 60°C	ACLinux 4.9
BOXER-8220AI-A3-1110	Jetson Nano	5	3.2 Gen 1 x 4	2	16GB eMMC x 1	HDMI x 1	Wallmount	10~24V	-20°C ~ 60°C	NVIDIA Jetpack 4.5

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)