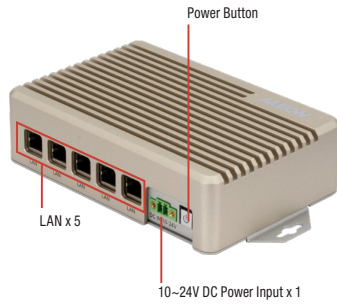


# BOXER-8250AI

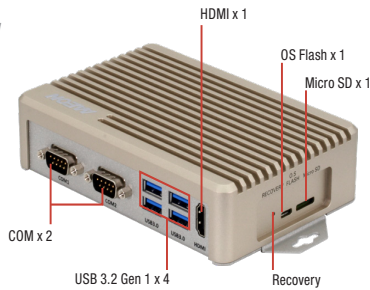
AI@Edge Fanless Embedded Box PC with NVIDIA Jetson Xavier NX, 5 GbE LAN Ports

AI@Edge Solutions

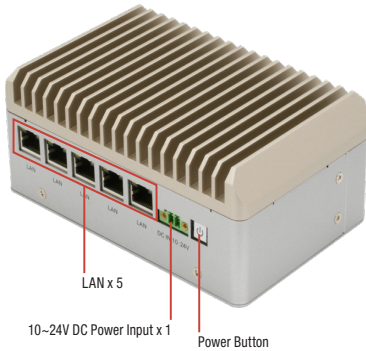
Front View



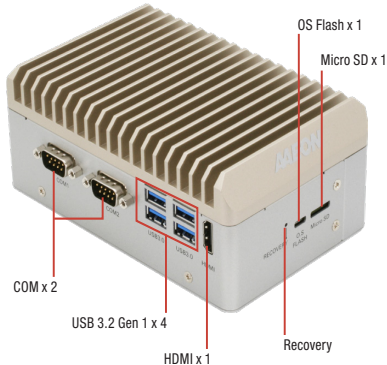
Rear View



BOXER-8250AI-A4  
Front View



Rear View



## Features

- NVIDIA® Jetson Xavier™ NX
- 8GB LPDDR4
- Multi-storage option: 16GB eMMC / MicroSD slot / 2.5" drive bay
- GbE LAN x 5
- USB 3.2 Gen 1 x 4
- 10~24Vdc Power input



## Specifications

System	
AI Accelerator	NVIDIA Jetson Xavier NX
CPU	6-core NVIDIA Carmel ARM® v8.2 64-bit CP
System Memory	8GB LPDDR4x
Storage Device	16 eMMC and MicroSD card slot (A1, A3) 16 eMMC and MicroSD card slot and 2.5" HDD drive(A4)
Display Interface	HDMI 2.0
Ethernet	10/100/1000Base-TX x 5
I/O	USB Type A x 4 for USB 3.2 Gen 1 RJ-45 x 5 for GbE LAN DB-9 x 2 for RS-232 HDMI Type A x 1 for HDMI 2.0 MicroSD slot x 1 Micro USB x 1 for O.S Flash Recovery button x 1 Power button with power LED 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)	A1, A3 : 6.92" x 3.94" x 1.54"(175.8mm x 100.0mm x 39.0mm) A4 : 6.92" x 3.94" x 2.41"(175.8mm x 100.0mm x 61.3mm)
Gross Weight	A1, A3 : 2.48 lbs (1.12 kg) A4 : 3.5lbs (1.6kg)
Net Weight	A1, A3 : 1.46 lbs (0.66 kg) A4 : 2.0lbs (0.91kg)
Environmental	
Operating Temperature	A1, A3 : 14°F ~ 149°F (-10°C ~ 65°C, according to IEC60068-2 with 0.5 m/s AirFlow) A4 : -13°F ~ 140°F (-10°C ~ 60°C, according to IEC60068-2 with 0.5 m/s AirFlow)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Storage Humidity	95% @ 40°C, non-condensing
Anti-Vibration	3.5Grms / 5~500Hz / operation (eMMC, MicroSD, or SSD)
Anti-Shock	—
Certification	CE/FCC class A

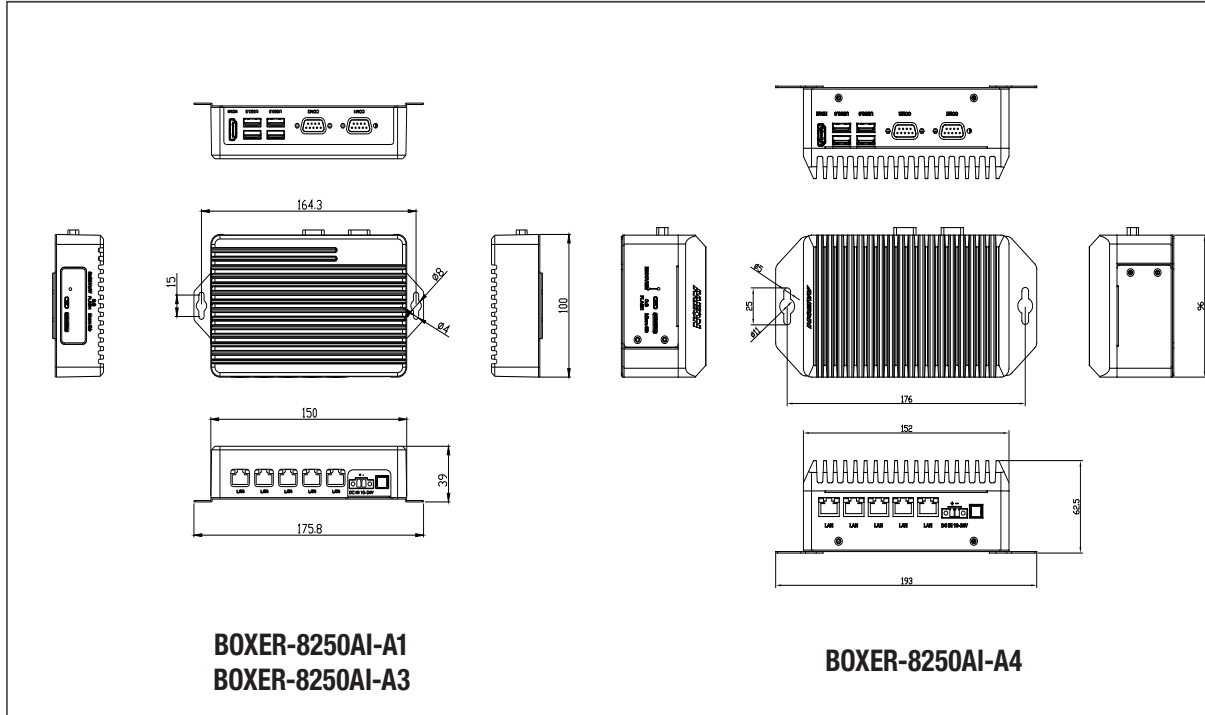
# BOXER-8250AI

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AI@Edge Solutions

## Dimension

Unit: mm



**BOXER-8250AI-A1**  
**BOXER-8250AI-A3**

**BOXER-8250AI-A4**

## Ordering Information

PART NUMBER	AI SOLUTION	LAN	USB	RS-232	STORAGE	DISPLAY	MOUNTING	POWER	OPERATION SYSTEM
BOXER-8250AI-A1-1010	Jetson Xavier NX	5	USB 3.2 Gen 1 x 4	2	16GB eMMC and Micro-SD card slot	HDMI x 1	Wallmount	10-24V	ACLinux 4.9
BOXER-8250AI-A3-1010	Jetson Xavier NX	5	USB 3.2 Gen 1 x 4	2	16GB eMMC and Micro-SD card slot	HDMI x 1	Wallmount	10-24V	NVIDIA Jetpack 4.5
BOXER-8250AI-A4-1010	Jetson Xavier NX	5	USB 3.2 Gen 1 x 4	2	16GB eMMC and Micro-SD card slot and 2.5" HDD Drive	HDMI x 1	Wallmount	10-24V	NVIDIA Jetpack 4.5
BOXER-8250AI-JP46E-A1-1111	Jetson Xavier NX	5	USB 3.2 Gen 1 x 4	2	16GB eMMC and Micro-SD card slot	HDMI x 1	Wallmount	10-24V	NVIDIA Jetpack 4.6
BOXER-8250AI-JP46E-A2-1111	Jetson Xavier NX	5	USB 3.2 Gen 1 x 4	2	16GB eMMC and Micro-SD card slot and 2.5" HDD Drive	HDMI x 1	Wallmount	10-24V	NVIDIA Jetpack 4.6

## Packing List

- Power Connector x 1
- BOXER-8250AI

## Optional Accessories

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

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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