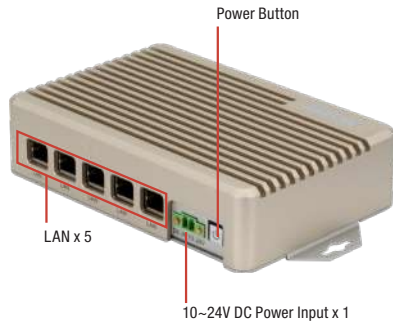


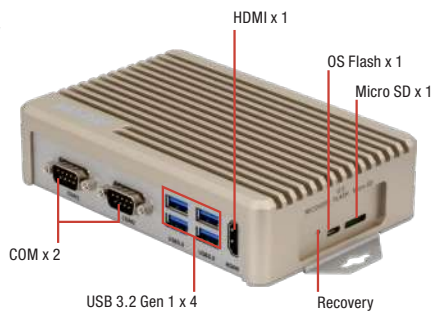
BOXER-8250AI

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

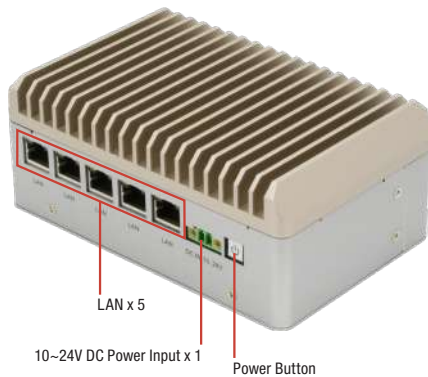
Front View



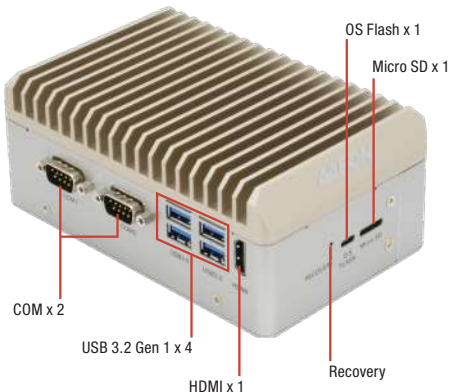
Rear View



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
- Support Operating Temperature -25°C ~ 70°C
- GbE LAN x 5
- USB 3.2 Gen 1 x 4
- 10~24Vdc Power input

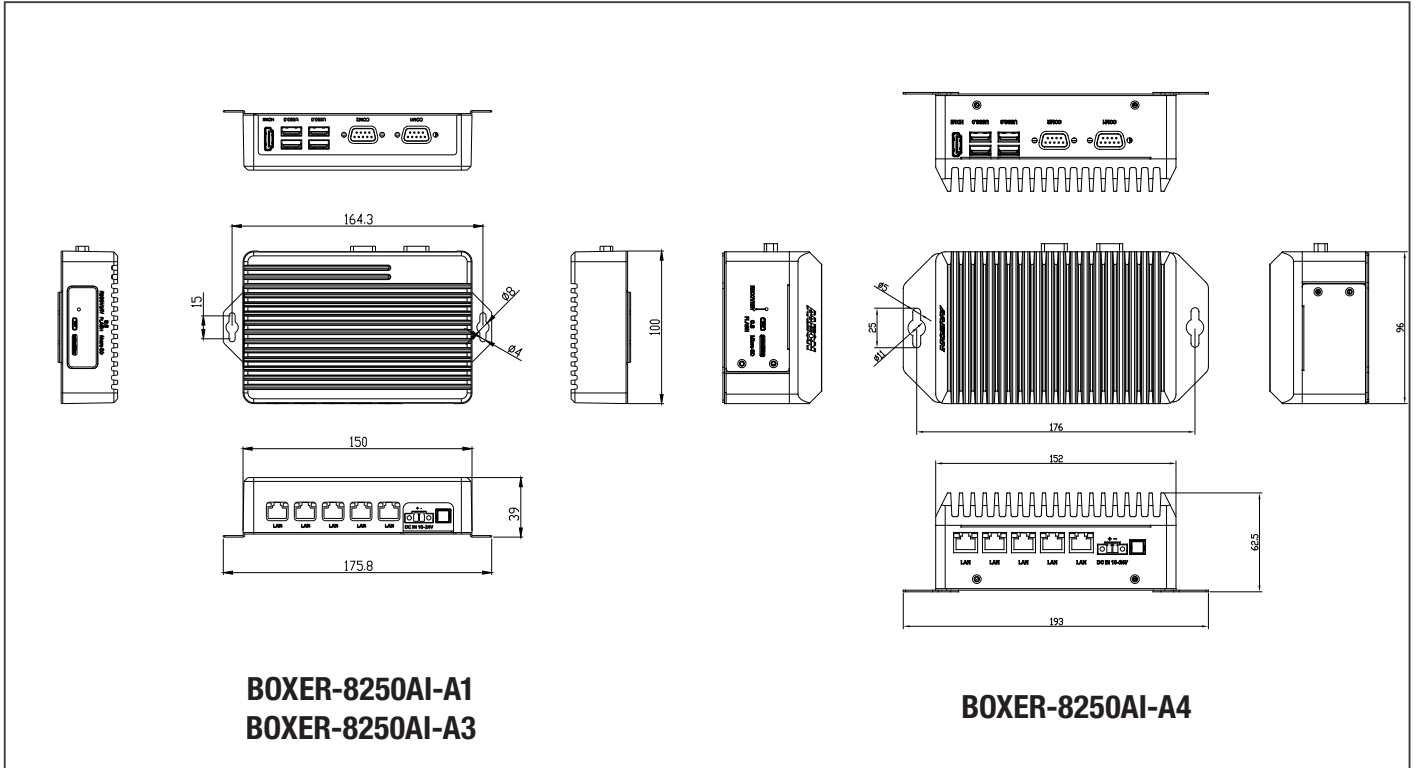


Specifications

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 ~ 158°F (-25°C ~ 70°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

Dimension

Unit: mm



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)