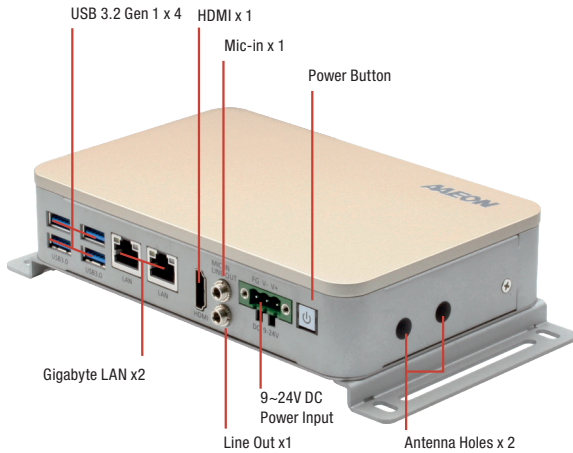


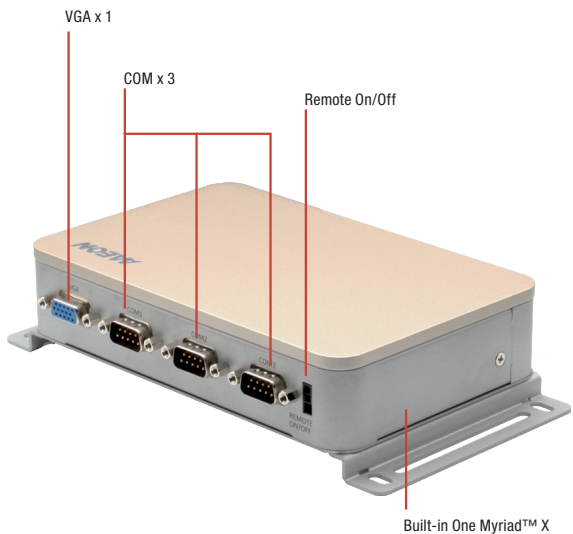
BOXER-8310AI

AI@Edge Din Rail Mount Embedded BOX PC with Intel® Movidius™ Myriad™ VPU & Intel® Pentium™ Processor

Front View



Rear View



Features

- Design for AI@Edge application
- Built-in Intel® Movidius™ Myriad™ X VPU, support AI computing
- Slim Boxer Design: 35mm
- Rich I/O, Design for Auto System Control
- Gigabit Ethernet x 2, USB 3.2 Gen 1 x 4
- Support Wallmount

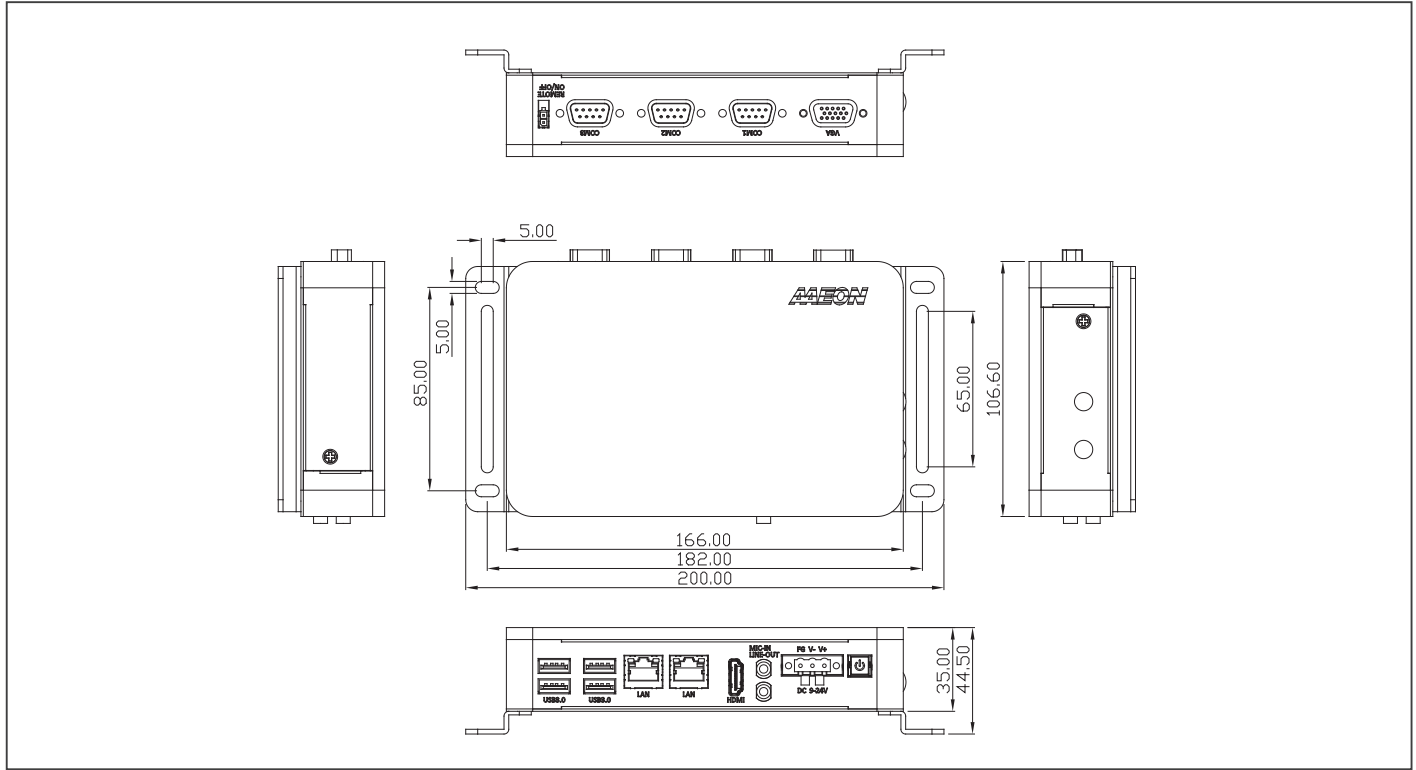


Specifications

System	
AI Accelerator	Intel® Movidius™ Myriad™ X x 1
CPU	Intel® Pentium® N4200 Intel® Celeron® N3350
System Memory	DDR3L SODIMM slot x 1 Supports 1867 MHz and up to 8GB
Storage Device	mSATA
Display Interface	HDMI 1.4 VGA
Ethernet	10/100/1000 Base-TX x 2
I/O	Power Button x 1 USB Type A x 4 for USB 3.2 Gen 1 HDMI type A x 1 for HDMI v1.4b RJ45 x 2 for GbE LAN with LED indicator (i211-AT x2) Power Input x 1 3-pin terminal block in default (+, -, GND) Co-layout Mic-in x 1, Line-out x 1 DB-9 x 3 for RS-242/422/485 (Switch by BIOS) DB-15 x1 for VGA Remote On/Off Antenna Holes x 2 DC-in 3-pin terminal block (9~24V) x 1
Expansion	Half-size Minicard slot x 1 (mSATA only)
Indicator	Power LED x1, HDD active LED x 1
OS Support	Linux (Debian 9.8)
Power Supply	
Power Requirement	3 Pin 9-24V DC-in terminal block
Mechanical	
Mounting	Wallmount
Dimensions (W x H x D)	6.54" x 4.2" x 1.38" (166mm x 106.6mm x 35mm)
Gross Weight	3.6 lb (1.6 kg)
Net Weight	1.3 lb (0.6 kg)
Environmental	
Operating Temperature	-13°F ~ 131°F (-25°C ~ 55°C) with W.T. SSD (according to IEC68-2-14 with 0.5 m/s airFlow ; with industrial devices)
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)
Storage Humidity	95% @ 40°C, non-condensing
Anti-Vibration	3 Grms/ 5 ~ 500Hz/ operation – mSATA
Anti-Shock	—
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	AI Solution	Mounting	Power	Operation temp.
BOXER-8310AI-A1-1010	N3350	SoC	—	2	4	—	—	3	—	MIC-in, Line-out	Half size miniCard for mSATA x1	VGA/ HDMI x1	Intel® Movidius™ Myriad™ X x 1	Wallmount	9~24V	-25°C ~ 55°C
BOXER-8310AI-A2-1010	N4200	SoC	—	2	4	—	—	3	—	MIC-in, Line-out	Half size miniCard for mSATA x1	VGA/ HDMI x1	Intel® Movidius™ Myriad™ X x 1	Wallmount	9~24V	-25°C ~ 55°C

Packing List

- Wallmount Bracket x 2
- 3 Pin DC-in Power Connector x 1
- BOXER-8310AI

Optional Accessories

- 125530040F
40W Power Adapter
- 1702031802
Power Cord (US type)
- 1702031803
Power Cord (European Type)
- 170203180E
Power Cord (Japanese Type)
- 9741640404
Din Rail Mount Kit

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