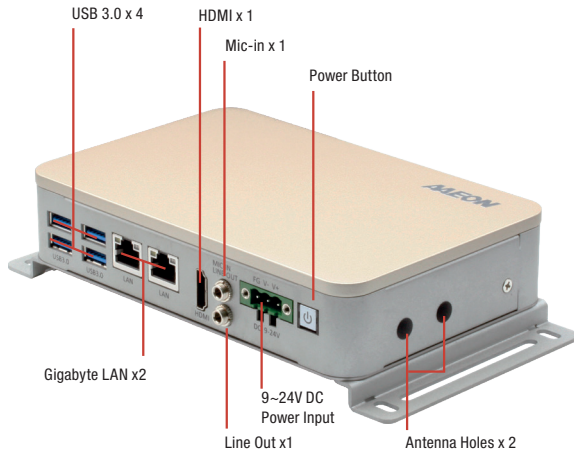
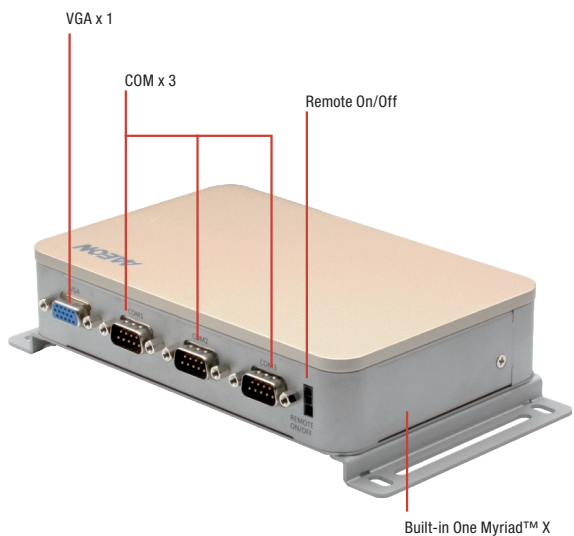


AI@Edge Din Rail Mount Embedded BOX PC with Intel® Movidius™ Myriad™ VPU & Intel® Pentium™ Processor

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, USB3.0 x 4
- Support Wallmount

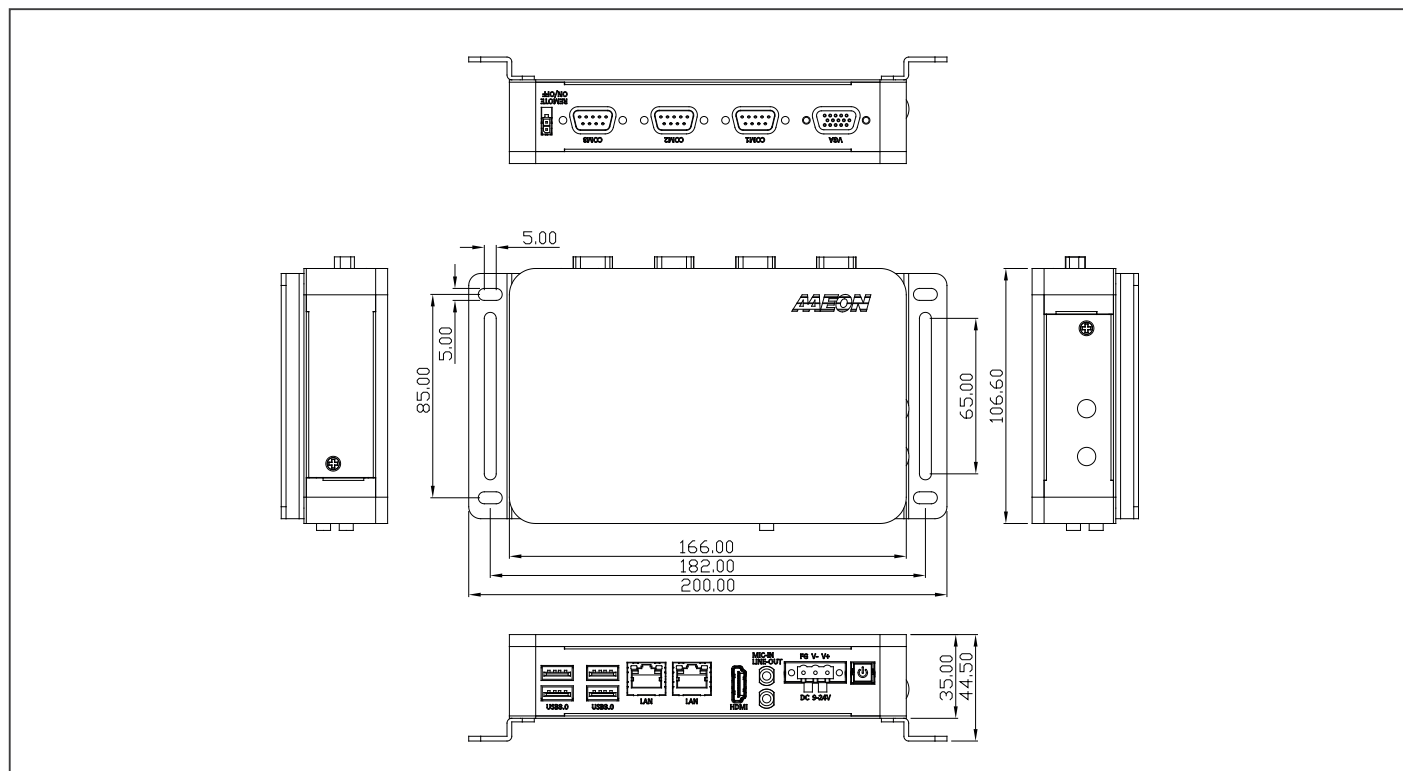


Specifications

System	
CPU	Intel® Pentium® N4200 Intel® Celeron® N3350
Chipset	Intel® System on Chip
System Memory	DDR3L SODIMM slot x 1 Supports 1867 MHz and up to 8GB
AI Solution	Intel® Movidius™ Myriad™ X x 1
Display Interface	HDMI 1.4 VGA
Storage Device	mSATA
Ethernet	10/100/1000 Base-TX x 2
I/O	Power Button x 1 USB Type A x 4 for USB3.0 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 x 1 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
Certification	CE/FCC class A

Dimension

Unit: mm



Ordering Information

Part Number	CPU	PCH	RAM	LAN	USB 3.0	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

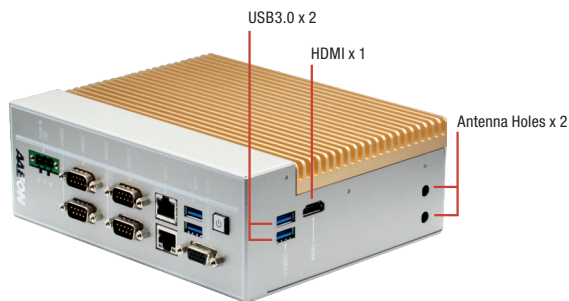
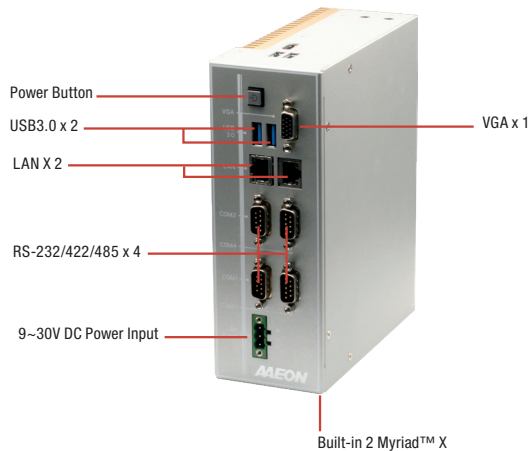
- Wallmount Bracket x 2
- 3 Pin DC-in Power Connector x 1
- BOXER-8310AI

Optional Accessories

- 1255300402
40W Power Adapter
- 1702031802
Power Cord (US type)
- 1702031803
Power Cord (European Type)
- 170203180E
Power Cord (Japanese Type)
- 9741640404
Din Rail Mount Kit

AI@Edge Din Rail Mount Embedded BOX PC with Dual Intel® Movidius™ Myriad™ VPUs & Intel® Core™ i3-6100U Processor

Front View



Features

- Design for AI@Edge application
- Built-in dual Intel® Movidius™ Myriad™ X VPUs, support AI computing
- Built-in Intel® Core™ i3-6100U Processor
- DDR4 SO-DIMM slot x 1, Support 2133MHz and up to 16GB
- Supports Industrial-grade Intel® GbE LAN x 2
- Supports BIOS Selectable RS-232/422/485 x 4
- VGA + HDMI Dual Display Output
- USB3.0 x 4
- 8-bit Digital Input and Output x 1 (Optional)
- Wide Range DC 9~30V Input With Power Protection
- Din-Rail Mount Design

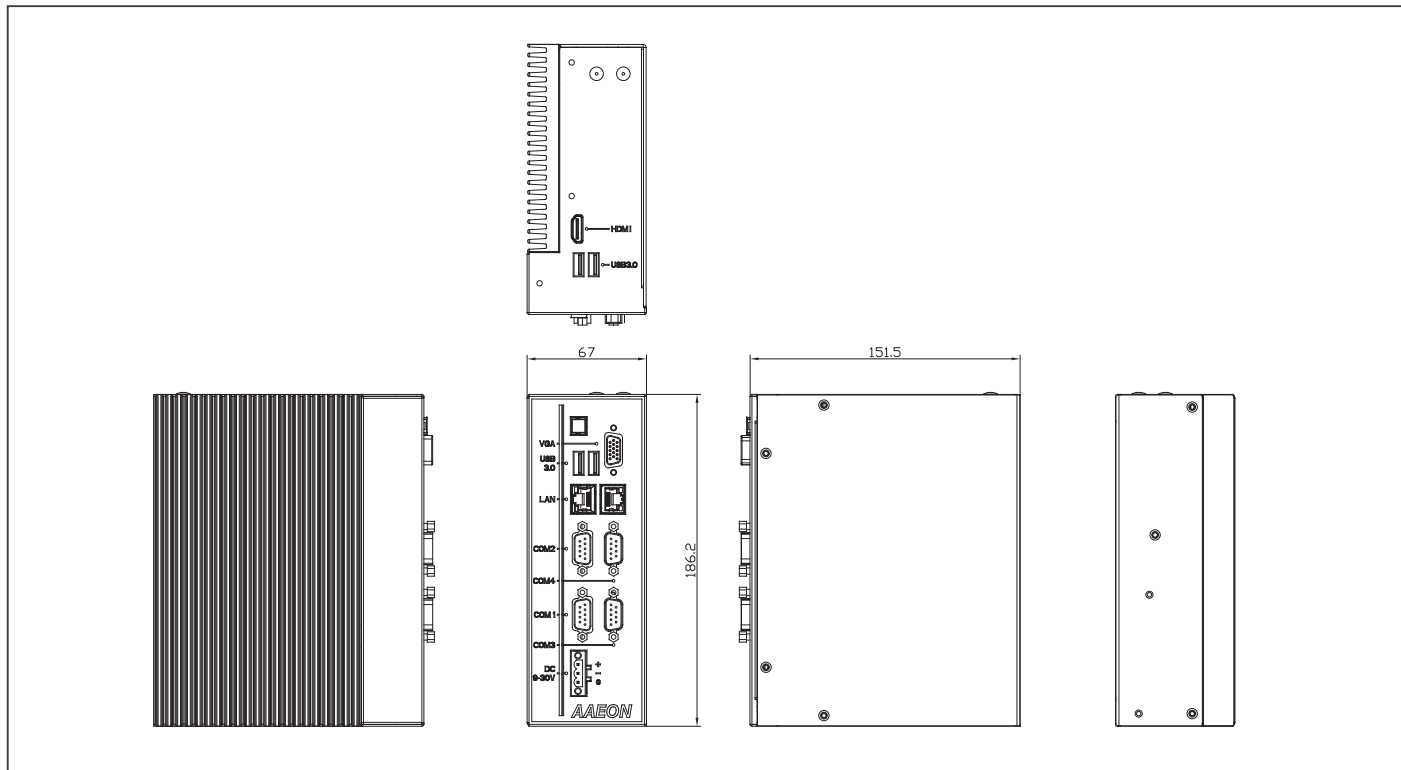


Specifications

System	
CPU	Intel® Core™ i3-6100U
Chipset	Intel® System on Chip
System Memory	DDR4 SO-DIMM slot x 1, Support 2133MHz and up to 16GB
AI Solution	Intel® Movidius™ Myriad™ X x 2
Display Interface	HDMI, VGA
Storage Device	HDD/SSD
Ethernet	10/100/1000 Base-TX x 2
I/O	DB-9 x4 for RS-232/422/485 RJ-45 x 2 for GbE (i210IT x 2) USB 3.0 x 4 VGA x 1 HDMI x 1 Antenna Holes x 2 Power Button Power Input
Expansion	—
Indicator	Power LED
OS Support	Linux (Debian 9.8)
Power Supply	
Power Requirement	9~30V with 3-pin terminal block
Mechanical	
Mounting	DIN Rail Mount Wallmount (Mounting kit is optional)
Dimensions (W x H x D)	2.68" x 7.33" x 5.96" (67mm x 186.2mm x 151.5 mm)
Gross Weight	6.1 lb (2.8 kg)
Net Weight	3.9 lb (1.8 kg)
Environmental	
Operating Temperature	-13°F ~140°F (-25°C ~ 60°C) with W.T. SSD (according to IEC68-2-14 with 0.5 m/s airFlow ; with industrial devices)
Storage Temperature	-49°F ~ 176°F (-45°C ~ 80°C)
Storage Humidity	95% @ 40°C, non-condensing
Anti-Vibration	3 Grms/ 5 ~ 500Hz/ operation - SSD
Certification	CE/FCC class A

Dimension

Unit: mm



Ordering Information

Part Number	CPU	AI Solution	RAM	LAN	USB 3.0	USB 2.0	RS-232	RS-232/422/485	Digital I/O	Audio	Storage	Display	Mounting	Power	Operation temp.
BOXER-8320AI-A1-1010	Intel® Core™ i3-6100U	Intel® Movidius™ Myriad™ X x 2	—	2	4	—	—	4	—	—	2.5" SATA Drive Bay x1	VGA x 1 HDMI x 1	Din Rail Optional Wallmount	9-30V	-25°C ~ 60°C

Packing List

- Din Rail Bracket x 1
- Screw Package x 1
- 3 Pin DC-in Power Connector x 1
- BOXER-8320A1

Optional Accessories

- **1255900841**
84W Power Adapter
- **1702031802**
Power Cord (US Type)
- **1702031803**
Power Cord (Europe)
- **170203180E**
Power Cord (Japan)
- **9741909A00**
Wifi 802.11 a/b/g/n + BT 4.0 Kit
- **9741UC20G0**
3G module Kit
- **9741640404**
Din Rail Mount Kit