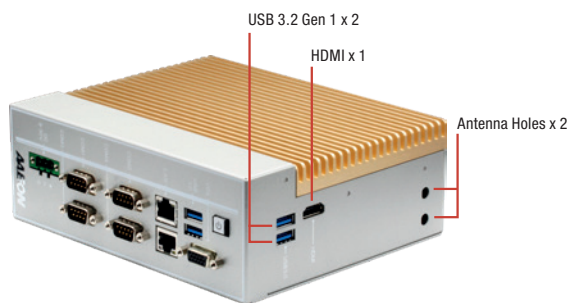
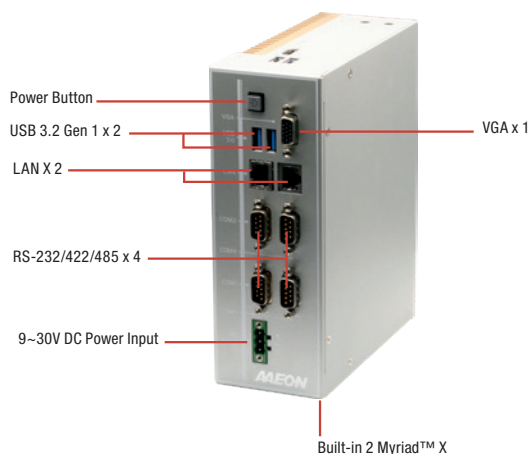


BOXER-8320AI

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
- USB 3.2 Gen 1 x 4
- 8-bit Digital Input and Output x 1 (Optional)
- Wide Range DC 9~30V Input With Power Protection
- Din-Rail Mount Design

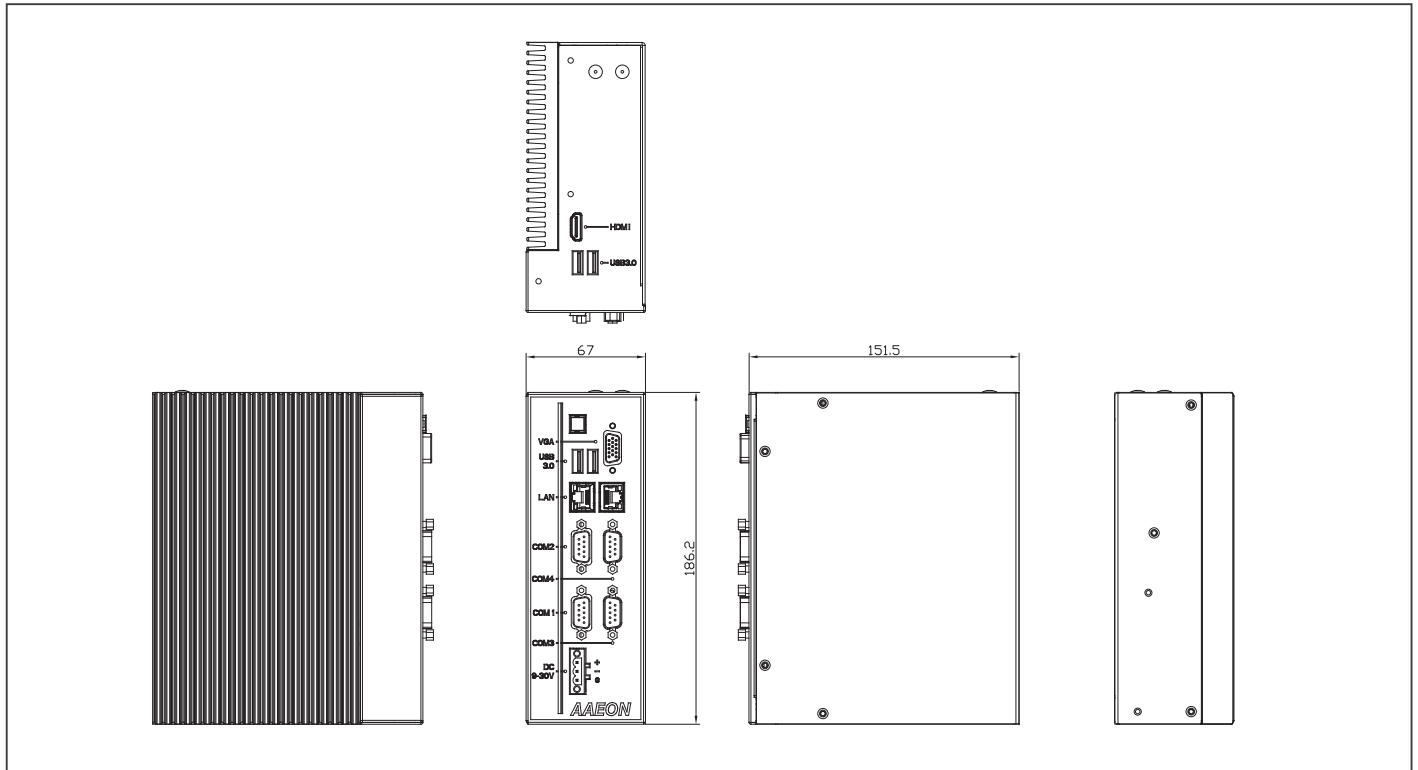


Specifications

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 3.2 Gen 1 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 (Monting 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 3.2 Gen 1	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-8320AI

Optional Accessories

- **1255900849**
84W Power Adapter
- **1702031802**
Power Cord (US Type)
- **1702031803**
Power Cord (Europe)
- **170203180E**
Power Cord (Japan)
- **9741640404**
Din Rail Mount Kit