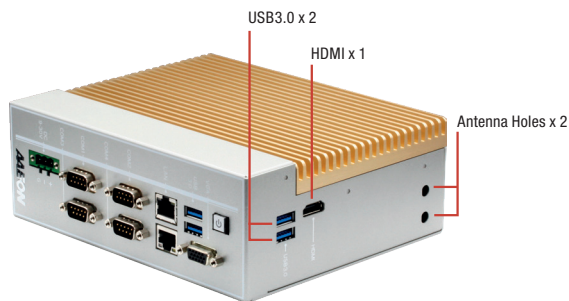
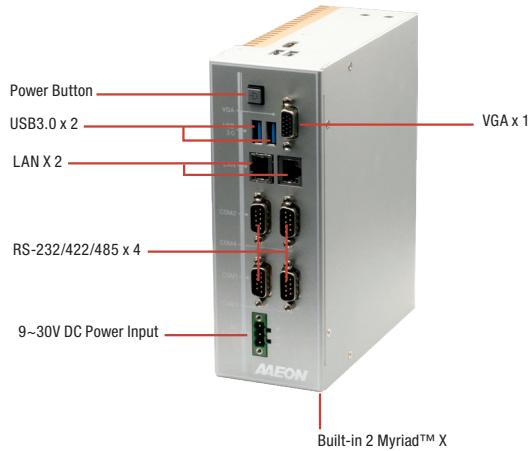


AI@Edge Din Rail Mount Embedded BOX PC with Intel® Core™ i3-6100U or Celeron® 3955U &amp; Two Myriad™ X

Front View



## Features

- Design for AI@Edge application
- Built in Intel® Movidius™ Myriad™ X, support AI computing
- U-Series CPU: Intel® Core™ i3-6100U/ Celeron® 3955U
- DDR4 2133 MHz SODIMM x 1, Memory Max. 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

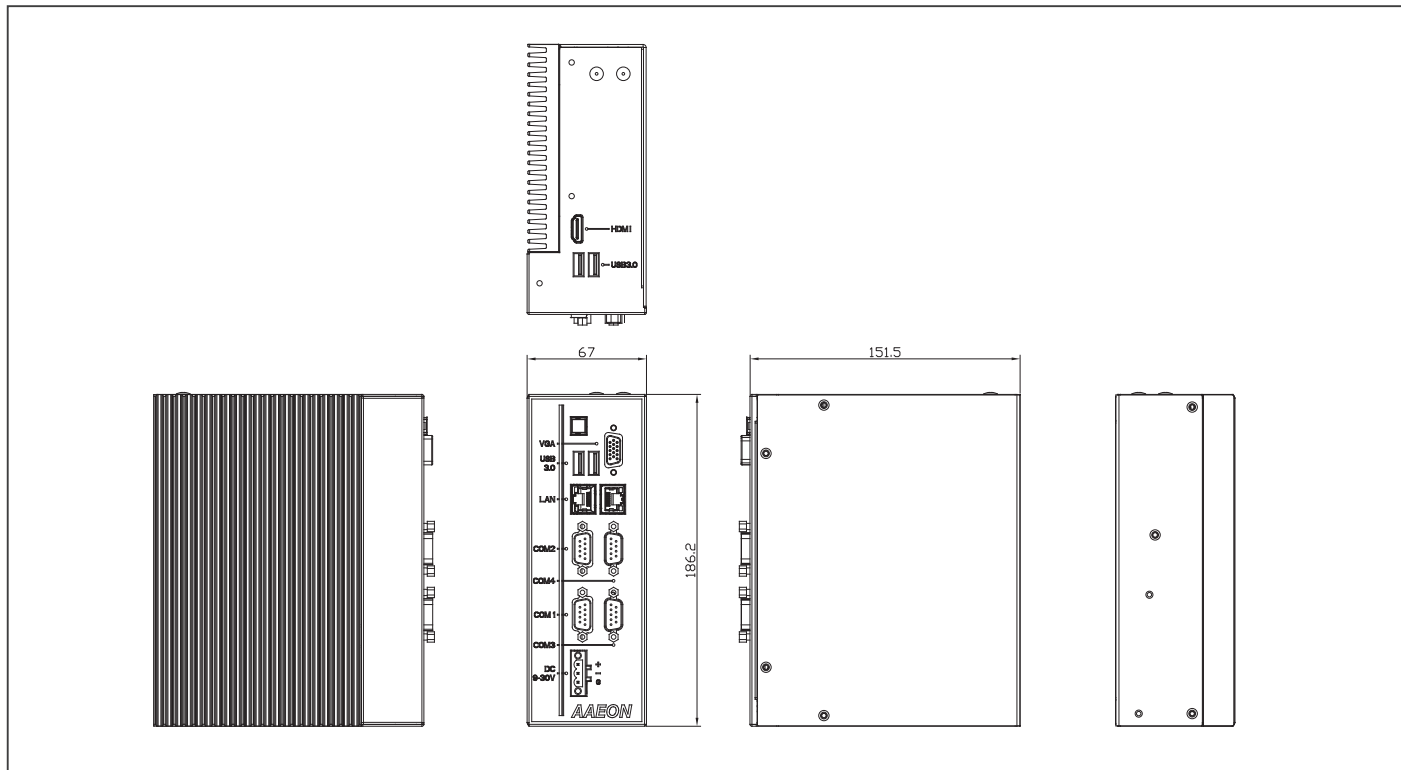


## Specifications

| System                 |  |
|------------------------|--|
| CPU                    | Intel® Core™ i3-6100U<br>Intel® Celeron® 3955U   |
| Chipset                | Intel® System on Chip  |
| System Memory          | DDR4 2133MHz SODIMM slot x 1, 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 x2   |
| I/O                    | DB-9 x4 for RS-232/422/485<br>RJ-45 x 2 for GbE (i210IT x 2)<br>USB 3.0 x 4<br>VGA x 1<br>HDMI x 1<br>Antenna Holes x 2<br>Power Switch<br>Power Input |
| Expansion              | Full-size Mini PCIe slot x 1 (Intel® Movidius™ Myriad™ X) Myriad X 1<br>Full-size Mini PCIe slot x 1 (Intel® Movidius™ Myriad™ X) Myriad X 2           |
| Indicator              | Power LED  |
| OS Support             | Windows® 10 (64 bit), Windows® 8.1 (64 bit), Windows® 7 (32/64 bit), Linux   |
| Power Supply           |  |
| Power Requirement      | 9~30V 3 pin DC-in terminal block   |
| Mechanical             |  |
| Mounting               | DIN Rail Mount<br>Wallmount (Monting kit is optional)  |
| Dimensions (W x H x D) | 69mm (W) x 183mm (H) x 155mm (D)   |
| Gross Weight           | 6.1 lb (2.8kg)   |
| Net Weight             | 3.9 lb (1.8kg)   |
| Environmental          |  |
| Operating Temperature  | -15°C ~ 40°C with W.T. SSD/HDD/mSATA (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<br>1 Grms/ 5 ~ 500Hz/ operation – HDD   |
| Certification          | CE/FCC class A   |

## Dimension

Unit: mm



## Ordering Information

| Part Number          | CPU                   | RAM | LAN | USB 3.0 | USB 2.0 | RS-232 | RS-232/422/485 | Digital I/O | Audio | Storage                | Display           | Expansion                     | Mounting                       | Power | Operation temp. |
|----------------------|-----------------------|-----|-----|---------|---------|--------|----------------|-------------|-------|------------------------|-------------------|-------------------------------|--------------------------------|-------|-----------------|
| BOXER-8320AI-A1-1010 | Intel® Core™ i3-6100U | —   | 2   | 4       | —       | —      | 4              | —           | —     | 2.5" SATA Drive Bay x1 | VGA x1<br>HDMI x1 | Intel® Movidius™ Myriad™ X x2 | Din Rail<br>Optional Wallmount | 9-30V | -15°C ~ 40°C    |
| BOXER-8320AI-A2-1010 | Intel® Celeron® 3955U | —   | 2   | 4       | —       | —      | 4              | —           | —     | 2.5" SATA Drive Bay x1 | VGA x1<br>HDMI x1 | Intel® Movidius™ Myriad™ X x2 | Din Rail<br>Optional Wallmount | 9-30V | -15°C ~ 40°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