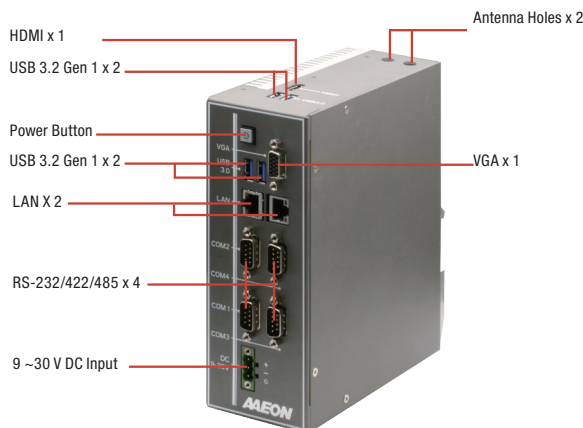


# BOXER-6750

Din Rail Mount Embedded BOX PC with 6th/7th Generation Intel® U Series Processor

Front View



Rear View



## Features

- U-Series CPU: Intel® Core™ i3-6100U/i3-7100U/i5-6200U/i5-7200U/ 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
- 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
- Wide Temperature -20 °C ~ 60 °C
- Din-Rail Mount Design

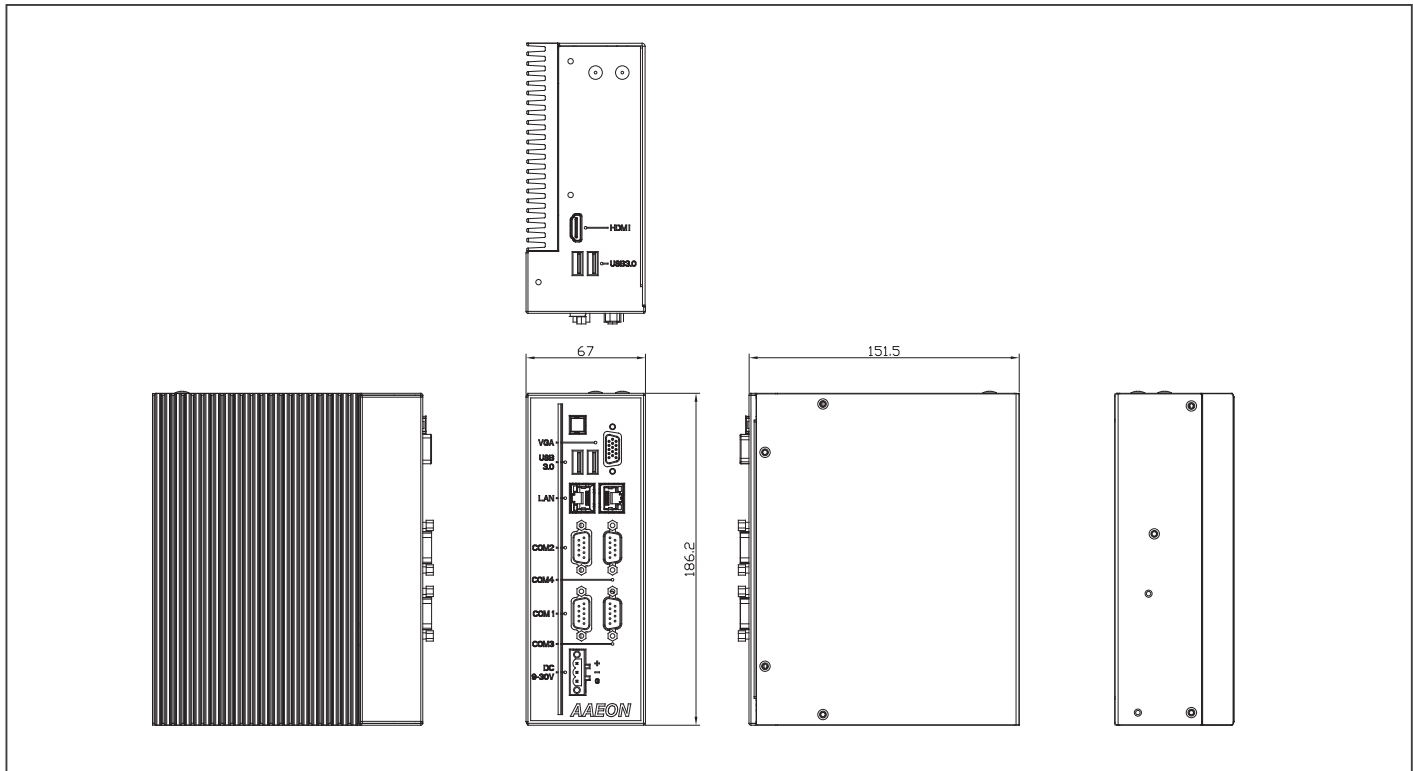


## Specifications

| System                 |                                                                                                                                                      |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU                    | Intel® Core™ i3-6100U<br>Intel® Celeron® 3955U<br>Intel® Core™ i3-7100U<br>Intel® Core™ i5-7200U<br>Intel® Core™ i5-6200U                            |
| Chipset                | Intel® System on Chip                                                                                                                                |
| System Memory          | DDR4 2133MHz SODIMM slot x 1, up to 16GB                                                                                                             |
| Display Interface      | HDMI x 1, VGA x 1                                                                                                                                    |
| Storage Device         | mSATA, HDD/SSD                                                                                                                                       |
| Ethernet               | Intel® i210-IT x 2                                                                                                                                   |
| I/O                    | RS-232/422/485 x 4<br>RJ-45 x 2 for GbE (i210IT x 2)<br>USB 3.2 Gen 1 x 4<br>VGA x 1<br>HDMI x 1<br>Antenna Holes x 2<br>Power Switch<br>Power Input |
| Expansion              | Full-size minicard x 1 (PCIe+USB with SIM slot, optional for mSATA)<br>Full-size minicard x 1 (PCIe+USB)                                             |
| Indicator              | Power LED on power button                                                                                                                            |
| OS Support             | Windows® 10 (64-bit)<br>Windows® 8.1 (64-bit)<br>Windows® 7 (32/64-bit)<br>Linux                                                                     |
| Power Supply           |                                                                                                                                                      |
| Power Requirement      | 9 - 30V with 3-pin terminal block                                                                                                                    |
| Mechanical             |                                                                                                                                                      |
| Mounting               | DIN Rail Mount<br>Wallmount (Mounting kit is optional)                                                                                               |
| Dimensions (W x H x D) | 2.72" x 7.2" x 6.1" (69mm x 183mm x 155mm)                                                                                                           |
| Gross Weight           | 6.1 lb (2.8kg)                                                                                                                                       |
| Net Weight             | 3.9 lb (1.8kg)                                                                                                                                       |
| Environmental          |                                                                                                                                                      |
| Operating Temperature  | -4°F ~ 140°F (-20°C ~ 60°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 – mSATA/SSD<br>1 Grms/ 5 ~ 500Hz/ operation – HDD                                                                       |
| Certification          | CE/FCC class A                                                                                                                                       |

## Dimension

Unit: mm



## Ordering Information

| Part Number        | CPU                   | RAM | LAN | USB 3.2 Gen 1 | USB 2.0 | RS-232 | RS-232/422/485 | Digital I/O | Audio | Storage                                       | Display             | Expansion                 | Mounting                       | Power | Operation temp. |
|--------------------|-----------------------|-----|-----|---------------|---------|--------|----------------|-------------|-------|-----------------------------------------------|---------------------|---------------------------|--------------------------------|-------|-----------------|
| BOXER-6750-A1-1010 | Intel® Core™ i3-6100U | —   | 2   | 4             | —       | —      | 4              | —           | —     | 2.5" SATA Drive bay x 1<br>Optional mSATA x 1 | VGA x 1<br>HDMI x 1 | Full-size<br>Minicard x 2 | Din Rail<br>Optional Wallmount | 9~30V | -20°C ~ 60°C    |
| BOXER-6750-A2-1010 | Intel® Celeron® 3955U | —   | 2   | 4             | —       | —      | 4              | —           | —     | 2.5" SATA Drive bay x 1<br>Optional mSATA x 1 | VGA x 1<br>HDMI x 1 | Full-size<br>Minicard x 2 | Din Rail<br>Optional Wallmount | 9~30V | -20°C ~ 60°C    |
| BOXER-6750-A3-1010 | Intel® Core™ i3-7100U | —   | 2   | 4             | —       | —      | 4              | —           | —     | 2.5" SATA Drive bay x 1<br>Optional mSATA x 1 | VGA x 1<br>HDMI x 1 | Full-size<br>Minicard x 2 | Din Rail<br>Optional Wallmount | 9~30V | -20°C ~ 60°C    |
| BOXER-6750-A4-1010 | Intel® Core™ i5-7200U | —   | 2   | 4             | —       | —      | 4              | —           | —     | 2.5" SATA Drive bay x 1<br>Optional mSATA x 1 | VGA x 1<br>HDMI x 1 | Full-size<br>Minicard x 2 | Din Rail<br>Optional Wallmount | 9~30V | -20°C ~ 60°C    |
| BOXER-6750-A5-1010 | Intel® Core™ i5-6200U | —   | 2   | 4             | —       | —      | 4              | —           | —     | 2.5" SATA Drive bay x 1<br>Optional mSATA x 1 | VGA x 1<br>HDMI x 1 | Full-size<br>Minicard x 2 | Din Rail<br>Optional Wallmount | 9~30V | -20°C ~ 60°C    |

## Packing List

- Din Rail Bracket x 1
- Screw Package x 1
- 3 Pin DC-In Power Connector x 1
- BOXER-6750

## Optional Accessories

- 1255900849  
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