

BOXER-6617-ADN

Fanless Compact Embedded Computer with Intel® Core™ i3 Processor N/Intel Atom® Processor X/Intel® Processor N-series SoC (formerly Alder Lake-N)

Compact Fanless BOX PC Solutions

Front View



Rear View



Features

- Intel® Core™ i3 Processor N/Intel® Atom® Processor X/Intel® Processor N-series SoC (formerly Alder Lake-N)
- DDR5 4800MHz SODIMM x 1
- 2.5GbE x 2
- M.2 2280 M-Key/M.2 2230 E-Key
- M.2 3052 B-Key for 5G
- SuperSpeed+ USB 3.2 Gen 2
- Onboard TPM 2.0
- Wide Range 9 ~ 36V DC input
- Super Wide Operating Temperature -20~70°C



Specifications

| System | |
|------------------------|---|
| CPU | Intel® Processor N50 Intel® Processor N97 Intel® Core™ i3-N305 Intel Atom® x7211E |
| Chipset | Intel® SoC |
| System Memory | DDR5 4800MHz SODIMM x 1, up to 32GB |
| Display Interface | HDMI x 2 |
| Storage Device | M.2 2280 M-Key x 1 (PCIe [x2]) 2.5" SATA HDD/SSD x 1 |
| Ethernet | RJ-45 x 2 for 2.5GbE LAN (Intel® I226) |
| I/O | HDMI x 2 RJ-45 x 2 for 2.5GbE LAN (Intel® I226) USB 3.2 Gen 2 x 2 (Type-A) USB 2.0 x 4 (Type-A) DB-9 x 6 for RS-232/422/485 Mic-in/Line-out 10-Pin Terminal Block x 1 for Digital I/O 8-channel 3-Pin Terminal Block for DC In x 1 2-Pin Remote On/Off x 1 Reset Button x 1 Power Button with LED x 1 |
| Expansion | M.2 2280 M-Key x 1 (PCIe [x2]) M.2 2230 E-Key x 1 (for Wi-Fi) M.2 3052 B-Key x 1 (for 5G/LTE) SIM Slot x 1 |
| Indicator | Sys LED Storage active LED |
| OS support | Windows® 10 IoT Enterprise Linux Ubuntu 22.04 |
| Power Supply | |
| Power Requirement | DC-in 9-36V x 1 for 3-Pin Terminal Block |
| Mechanical | |
| Mounting | Wall Mount |
| Dimensions (W x H x D) | 8.42" x 4.54" x 2.59" (214mm x 115.5mm x 65.8mm) without brackets |
| Gross Weight | 6.17 lb. (2.8Kg) |
| Net Weight | 4.4 lb. (2Kg) |
| Environmental | |
| Operating Temperature | -4°F ~ 158°F (-20°C ~ 70°C), according to IEC68-2 with 0.5 m/s AirFlow (w/ Industrial wide Temp. SSD/RAM) |
| Storage Temperature | -40°F ~ 176°F (-40°C ~ 80°C) |
| Storage Humidity | 5 ~ 95% @ 40°C, non-condensing |
| Anti-Vibration | 3 Grms/ 5 ~ 500Hz/ operation (with SSD) |
| Anti-Shock | 50G, IEC 68-2-27, half sine, 11 ms duration (with SSD) |
| Certification | CE/FCC Class A |

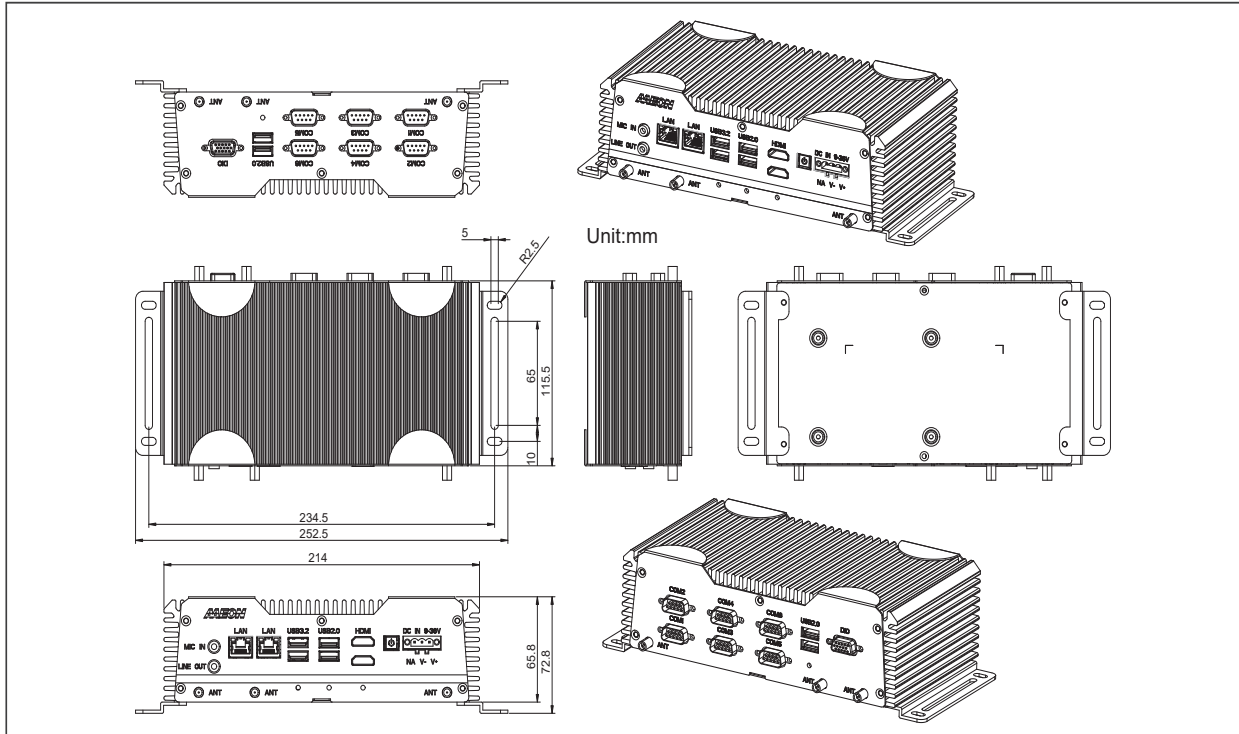
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Compact Fanless BOX PC Solutions

Dimension

Unit: mm



Ordering Information

| Part Number | CPU | LAN | PCH | USB 3.2 Gen 2 | USB 2.0 | RS-232/422/485 | Storage | Display | Expansion | Mounting | Power | Operation Temp. |
|------------------------|----------------------|-----|-----------|---------------|---------|----------------|--|---------|---|-----------|-------------|---|
| BOXER-6617-ADN-A1-1010 | Intel® Processor N50 | 2 | Intel SoC | 2 | 4 | 6 | M.2 2280 M Key Slot x1 (PCIe x2) 2.5" SATA Drive Bay x1 | HDMI x2 | M.2 2280 M-Key x1 (PCIe [x2]) M.2 2230 E-Key x1 M.2 3052 B-Key x1 SIM Slot | Wallmount | 9~36V DC in | -4°F ~ 158°F (-20°C ~ 70°C), according to IEC68-2 with 0.5 m/s AirFlow (w/ Industrial wide Temp. SSD/RAM) |
| BOXER-6617-ADN-A2-1010 | Intel® Processor N97 | 2 | Intel SoC | 2 | 4 | 6 | M.2 2280 M Key Slot x1 (PCIe x2) 2.5" SATA Drive Bay x1 | HDMI x2 | M.2 2280 M-Key x1 (PCIe [x2]) M.2 2230 E-Key x1 M.2 3052 B-Key x1 SIM Slot | Wallmount | 9~36V DC in | -4°F ~ 158°F (-20°C ~ 70°C), according to IEC68-2 with 0.5 m/s AirFlow (w/ Industrial wide Temp. SSD/RAM) |
| BOXER-6617-ADN-A3-1010 | Intel® Core™ i3-N305 | 2 | Intel SoC | 2 | 4 | 6 | M.2 2280 M Key Slot x1 (PCIe x2) 2.5" SATA Drive Bay x1 | HDMI x2 | M.2 2280 M-Key x1 (PCIe [x2]) M.2 2230 E-Key x1 M.2 3052 B-Key x1 SIM Slot | Wallmount | 9~36V DC in | -4°F ~ 158°F (-20°C ~ 70°C), according to IEC68-2 with 0.5 m/s AirFlow (w/ Industrial wide Temp. SSD/RAM) |
| BOXER-6617-ADN-A4-1010 | Intel Atom® x7211E | 2 | Intel SoC | 2 | 4 | 6 | M.2 2280 M Key Slot x1 (PCIe x2) 2.5" SATA Drive Bay x1 | HDMI x2 | M.2 2280 M-Key x1 (PCIe [x2]) M.2 2230 E-Key x1 M.2 3052 B-Key x1 SIM Slot | Wallmount | 9~36V DC in | -4°F ~ 158°F (-20°C ~ 70°C), according to IEC68-2 with 0.5 m/s AirFlow (w/ Industrial wide Temp. SSD/RAM) |

Optional Accessories

- **1255900849**
12V 84W Power Adapter
- **1702031802**
Power Cord (US Type)
- **1702031803**
Power Cord (Europe)
- **170203180E**
Power Cord (Japan)

Packing List

- **Wallmount Bracket x 2**
- **Screw Package x 1**
- **3 Pin DC-In Power Connector x 1**
- **BOXER-6617-ADN**

Note: All specifications are subject to change without notice.

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Assured Systems

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