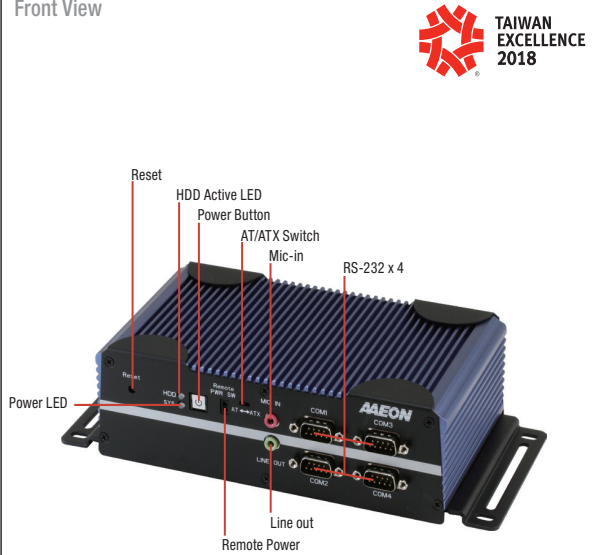


03 **BOXER-6616**

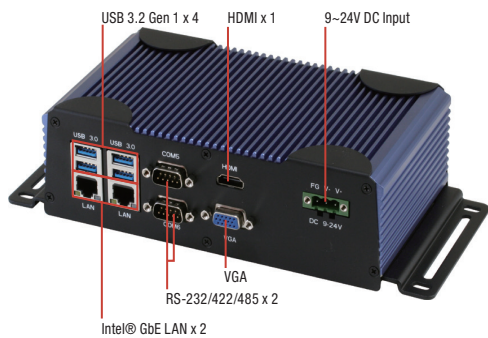
Fanless Embedded Box PC with Intel® Celeron® Processor N3350/N4200

Compact Fanless BOX PC Solutions

Front View



Rear View



Features

- Intel® Pentium® N4200 2.5 GHz/ Celeron® N3350 2.4 GHz
- DDR3L 1866, Single Channel SODIMM x 1, Non-ECC (Max.8GB, up to 1600MHz)
- COM x 6: RS-232/422/485 x 2 + RS-232 x 4
- USB 3.2 Gen 1 x 4
- VGA + HDMI Output, Support Dual View/ Simultaneous Display
- Supports 2.5" Drive Bay x 1, mSATA
- Supports 8 Channel TTL Level DIO x 1 (Optional)
- AAEON's Hi-Safe Support
- Supports DC 9~24V with Power Protection
- Wide Operating Temperature: -4°F ~ 158°F (-20°C ~ 70°C)
- AT/ATX Switch, Remote Power On/Off Switch



Specifications

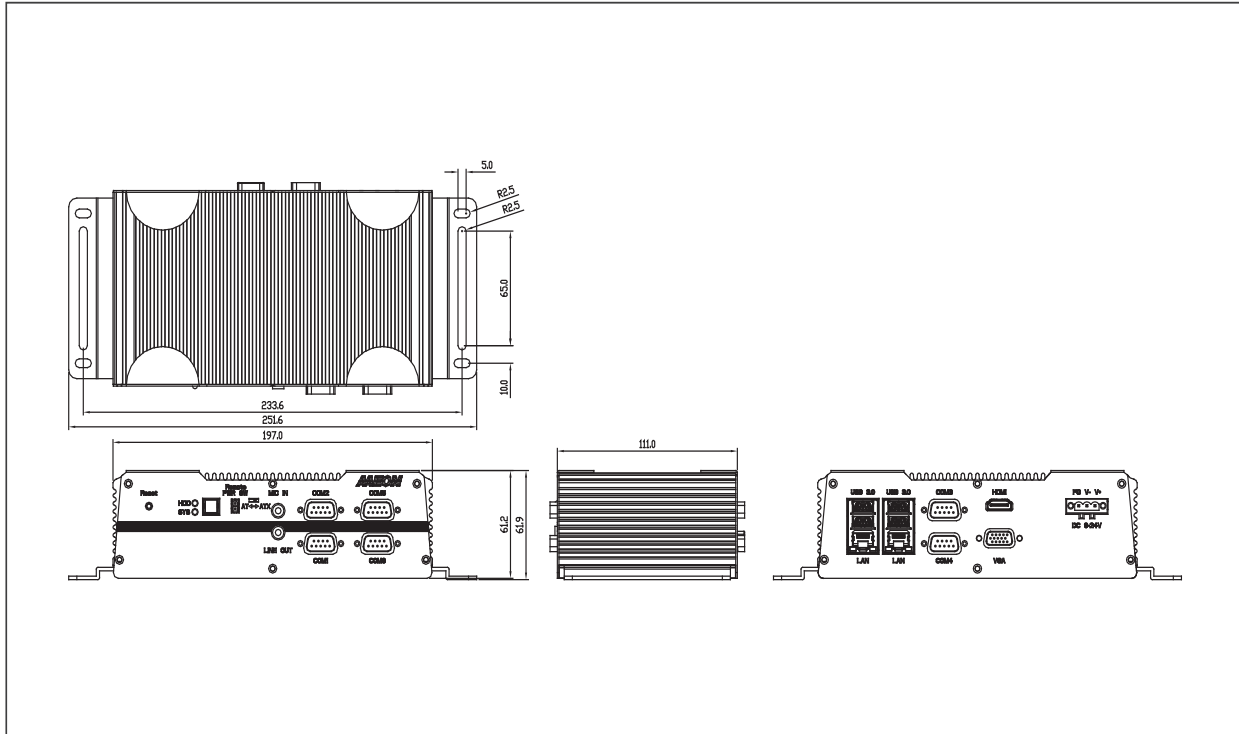
| System | |
|------------------------|---|
| CPU | Intel® Pentium® N4200, 2.5 GHz Intel® Celeron® N3350, 2.4 GHz |
| Chipset | Intel® System on Chip |
| System memory | DDR3L 1866, Single Channel SODIMM x 1, Non-ECC (Max.8GB, up to 1600MHz) |
| Display interface | HDMI (max. 2048 x 1152) VGA (max. 2048 x 1152) |
| Storage Device | mSATA, HDD/SSD |
| Ethernet | Intel® I211, 10/100/1000 Base-TX x 2 |
| I/O | RS-232/422/485 x 2 RS-232 x 4 USB 3.2 Gen 1 x 4 VGA x 1 HDMI x 1 LAN x 2 Remote On/Off x 1 Reset Button x 1 AT/ATX DIP Switch Mic-In x 1 Line-Out x 1 Antenna holes x 1 Power button Power input |
| Expansion | Full-size Mini-Card x 1 (PCI-E + USB, w/ SIM slot) Half-size Mini-Card x 1 (A1:PCI-E + USB, A2: mSATA + USB) |
| Indicator | Power LED HDD active LED |
| OS Support | Windows® 10 IoT Ent LTSC 2019 64 bit Ubuntu 16.04 above |
| Power Supply | |
| Power Requirement | 9-24V with 3-pin terminal block |
| Mechanical | |
| Mounting | Wallmount DIN Rail (Mounting kit is optional) |
| Dimensions (W x H x D) | 7.76" x 2.17" x 4.33" (197mm x 55mm x 110mm) |
| Gross Weight | 6.6 lb (2.8 kg) |
| Net Weight | 4.4 lb (2 kg) |
| Environmental | |
| Operating Temperature | -4°F ~ 158°F (-20°C ~ 70°C) with W.T. SSD/HDD/mSATA (according to IEC682-14 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/SSD 1 Grms/ 5 ~ 500Hz/ operation – HDD |
| Anti-Shock | — |
| Certification | CE/FCC class A |

BOXER-6616

03

Compact Fanless BOX PC Solutions

Dimension Unit: mm



Ordering Information

| Part Number | CPU | RAM | LAN | PoE | 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-6616-A1-1110 | Intel® Pentium® N4200 2.5 GHz | — | 2 | — | 4 | 0 | 4 | 2 | — | MIC-in x 1 Line-Out x 1 | 2.5" Drive Bay x 1 | VGA x 1 HDMI x 1 | Full-size Minicard x 1 Half-size Minicard x 1 | Wallmount Optional Dinrail Optional VESA-Mount | 9~24V DC In | -4°F ~ 158°F (-20°C ~ 70°C) |
| BOXER-6616-A2-1110 | Intel® Celeron® N3350 2.4 GHz | — | 2 | — | 4 | 0 | 4 | 2 | — | MIC-in x 1 Line-Out x 1 | 2.5" Drive Bay x 1 mSATA x 1 | VGA x 1 HDMI x 1 | Full-size Minicard x 1 Half-size Minicard x 1 | Wallmount Optional Dinrail Optional VESA-Mount | 9~24V DC In | -4°F ~ 158°F (-20°C ~ 70°C) |

Packing List

- Wallmount Bracket x 2
- Screw Package x 1
- 3 Pin DC-In Power Connector x 1
- BOXER-6616

Optional Accessories

- 1255900849
12V 84W Power Adapter
- 1702031802
Power Cord (US Type)
- 1702031803
Power Cord (Europe)
- 170203180E
Power Cord (Japan)
- 9741640404
Din Rail Mount Kit

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