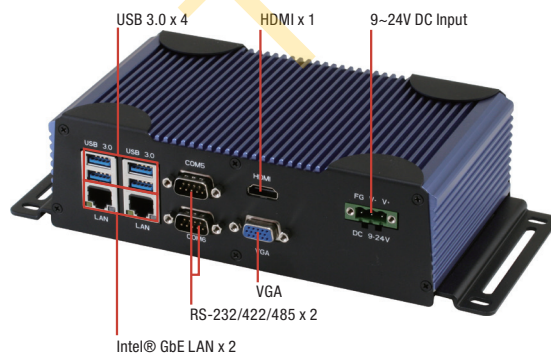


## Fanless Embedded Box PC with Intel® Celeron® Processor N3350/N4200

Front View



Rear View

**Features**

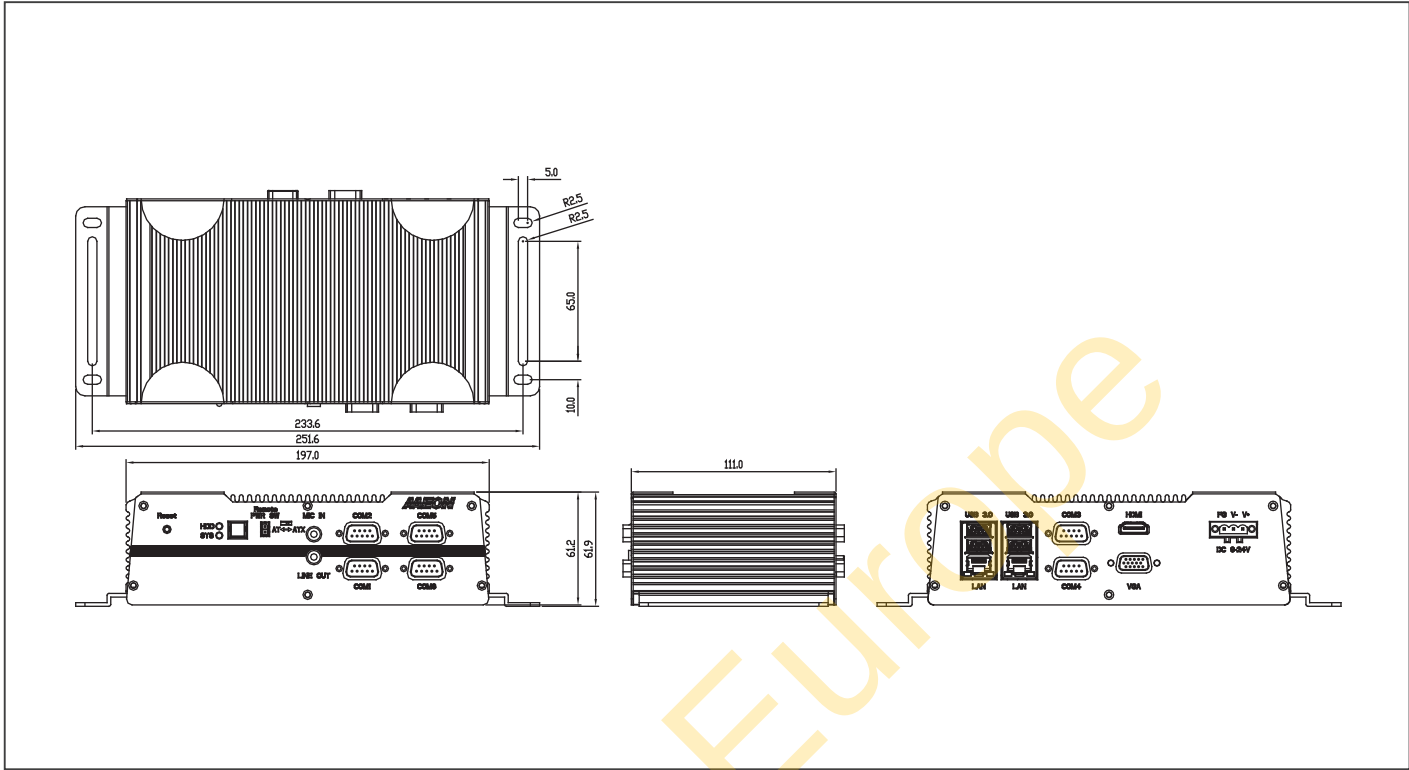
- Intel® Pentium® N4200 2.5 GHz/ Celeron® N3350 2.4 GHz
- DDR3L 1866 SODIMM x 1, Memory Max. up to 8GB
- COM x 6: RS-232/422/485 x 2 + RS-232 x 4
- USB 3.0 x 4
- VGA + HDMI Output, Support Dual View/ Simultaneous Display
- Supports 2.5" Drive Bay x 1, mSATA
- Supports 8 Channel TTL Level DIO x 1 (Optional)
- 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<br>Intel® Celeron® N3350 2.4 GHz                                                                                                                                                                   |
| Chipset                | Intel® System on Chip                                                                                                                                                                                                             |
| System memory          | DDR3L 1866 SODIMM slot x 1, up to 8GB                                                                                                                                                                                             |
| Display Interface      | HDMI, VGA                                                                                                                                                                                                                         |
| Storage Device         | mSATA, HDD/SSD                                                                                                                                                                                                                    |
| Ethernet               | Intel® I211, 10/100/1000Base-TX x 2                                                                                                                                                                                               |
| I/O                    | RS-232/422/485 x 2<br>RS-232 x 4<br>USB 3.0 x 4<br>VGA x 1<br>HDMI x 1<br>LAN x 2<br>Remote On/Off x 1<br>Reset Button x 1<br>AT/ATX DIP Switch<br>Mic-In x 1<br>Line-Out x 1<br>Antenna holes x 1<br>Power button<br>Power input |
| Expansion              | Full-size Mini-Card x 1 (PCI-E + USB, w/ SIM slot)<br>Half-size Mini-Card x 1 (A1:PCI-E + USB, A2: mSATA + USB)                                                                                                                   |
| Indicator              | Power LED<br>HDD active LED                                                                                                                                                                                                       |
| OS Support             | Windows® 10<br>Windows® 10 IOT<br>Linux                                                                                                                                                                                           |
| Power Supply           |                                                                                                                                                                                                                                   |
| Power Requirement      | 9-24V with 3-pin terminal block                                                                                                                                                                                                   |
| Mechanical             |                                                                                                                                                                                                                                   |
| Mounting               | Wallmount<br>DIN Rail (Mounting kit is optional)                                                                                                                                                                                  |
| Dimensions (W x H x D) | 197mm(W) x 110mm(D) x 55mm(H)                                                                                                                                                                                                     |
| 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<br>1 Grms/ 5 ~ 500Hz/ operation – HDD                                                                                                                                                    |
| Certification          | CE/FCC class A                                                                                                                                                                                                                    |

## Dimension

Unit: mm



## Ordering Information

| Part Number        | CPU                           | RAM | LAN | PoE | USB 3.0 | USB 2.0 | RS-232 | RS-232/422/485 | Digital I/O | Audio                      | Storage                                  | Display             | Expansion                                        | Mounting                                             | Power          | Operation Temp.                |
|--------------------|-------------------------------|-----|-----|-----|---------|---------|--------|----------------|-------------|----------------------------|------------------------------------------|---------------------|--------------------------------------------------|------------------------------------------------------|----------------|--------------------------------|
| BOXER-6616-A1-1010 | Intel® Pentium® N4200 2.5 GHz | —   | 2   | —   | 4       | 0       | 4      | 2              | —           | MIC-in x 1<br>Line-Out x 1 | 2.5" Drive Bay x 1<br>Optional mSATA x 1 | VGA x 1<br>HDMI x 1 | Full-size Minicard x 1<br>Half-size Minicard x 1 | Wallmount<br>Optional Dinrail<br>Optional VESA-Mount | 9~24V<br>DC In | -4°F ~ 158°F<br>(-20°C ~ 70°C) |
| BOXER-6616-A2-1010 | Intel® Celeron® N3350 2.4 GHz | —   | 2   | —   | 4       | 0       | 4      | 2              | —           | MIC-in x 1<br>Line-Out x 1 | 2.5" Drive Bay x 1<br>Optional mSATA x 1 | VGA x 1<br>HDMI x 1 | Full-size Minicard x 1<br>Half-size Minicard x 1 | Wallmount<br>Optional Dinrail<br>Optional VESA-Mount | 9~24V<br>DC In | -4°F ~ 158°F<br>(-20°C ~ 70°C) |

## Packing List

- Wallmount Bracket x 2
- Screw Package x 1
- Product DVD x 1
- Phoenix Power Connector x 1
- BOXER-6616

## Optional Accessories

- **1255900841**  
Power Adapter
- **1702031802**  
Power Cord (US Type)
- **1702031803**  
Power Cord (Europe)
- **170203180E**  
Power Cord (Japan)
- **9741640404**  
Din Rail Mount Kit
- **9751640300**  
4G (EU) & GPS Module Kit
- **9751640301**  
4G (US) & GPS Module Kit
- **9741C50W04**  
WiFi 802.11 b/g/n + BT 3.0 Kit

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