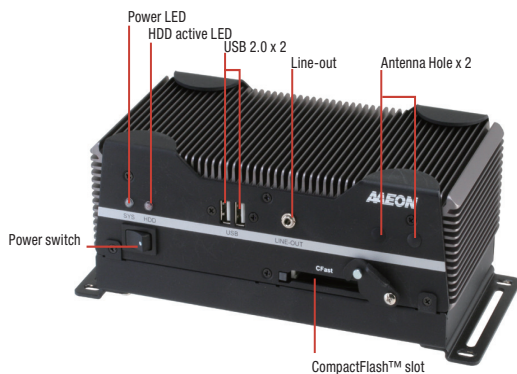


## 04 BOXER-6614

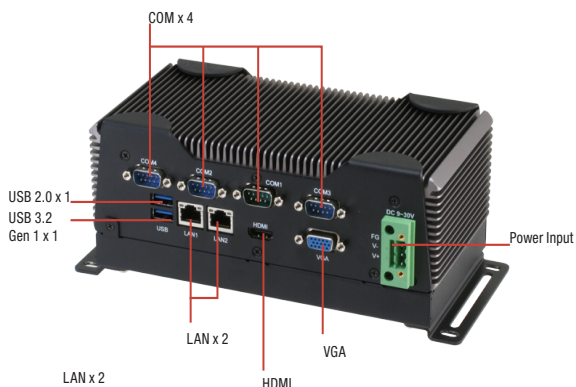
Fanless Embedded Box PC with Intel® Celeron® N2930 Quad Core 1.83 GHz/ Celeron® N2807 Dual Core 1.58 GHz

Compact Fanless BOX PC Solutions

Front View



Rear View



### Features

- Intel® Celeron® N2930 Quad Core 1.83 GHz/ Celeron® N2807 Dual Core 1.58 GHz
- Intel® HD Graphics Engine
- DDR3L 1333 MHz SODIMM x 1, Memory up to 8 GB
- Intel® Gigabit Ethernet x 2
- VGA + HDMI Output, Supports Dual View/Simultaneous Display
- RS-232/422/485 x 2, RS-232 x 2, USB 3.2 Gen 1 x 1, USB 2.0 x 3
- Full-size Mini-Card with SIM Card Slot x 1, Half-size Mini-Card x 1 for Factory-Install
- Compact Size & Low Power
- Cost-Effective Design
- Fanless System Design
- AAEON's Hi-Safe Support



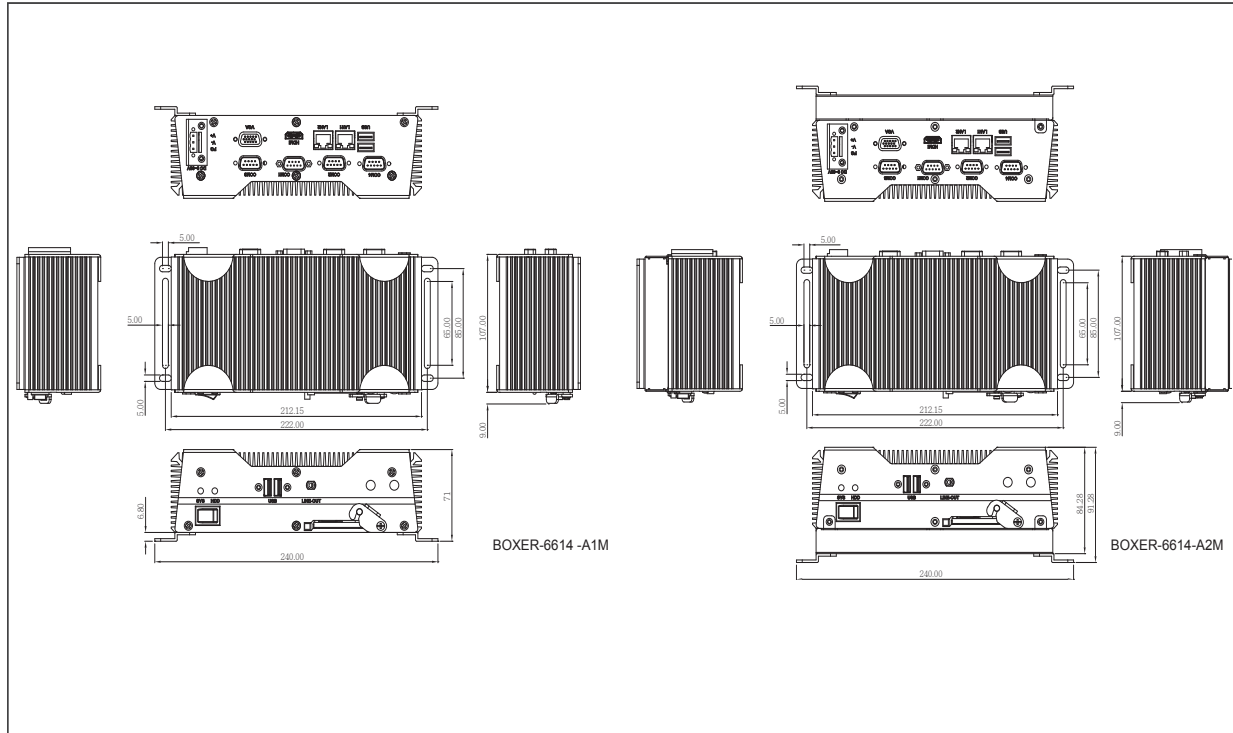
### Specifications

| System                 |                                                                                                                                                                                                    |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU                    | Intel® Celeron® N2930, 1.83 GHz<br>Intel® Celeron® N2807, 1.58GHz                                                                                                                                  |
| Chipset                | Intel® System on Chip                                                                                                                                                                              |
| System Memory          | DDR3L 1333 SODIMM slot x 1, up to 8 GB (N2930) or 4 GB (N2807)                                                                                                                                     |
| Display Interface      | VGA, HDMI                                                                                                                                                                                          |
| Storage Device         | CFlash™, HDD/SSD                                                                                                                                                                                   |
| Ethernet               | Intel® I210/I211, 10/100/1000 Base-TX x 2                                                                                                                                                          |
| I/O                    | RS-232/422/485 x 2<br>RS-232 x 2<br>USB 2.0 x 3<br>USB 3.2 Gen 1 x 1<br>VGA x 1<br>HDMI x 1<br>Line-out x 1<br>LAN x 2<br>CFlash slot x 1<br>Antenna holes x 2<br>Power switch<br>Power input      |
| Expansion              | Full-size Mini-Card x 1 (PCI-E + USB, w/ SIM slot)<br>Half-size Mini-Card x 1 (PCI-E + USB)                                                                                                        |
| Indicator              | Power LED<br>HDD active LED                                                                                                                                                                        |
| OS support             | Windows® 10, Windows® 8.1 (32/64-bit), Windows® 7 (32/64-bit),<br>WES7/WES8, Linux Ubuntu 14.04/ Kernel 3.13.0                                                                                     |
| <b>Power Supply</b>    |                                                                                                                                                                                                    |
| Power Requirement      | 9 - 30V with 3-pin terminal block, 12V with lockable DC jack                                                                                                                                       |
| <b>Mechanical</b>      |                                                                                                                                                                                                    |
| Mounting               | Wallmount<br>DIN Rail (Mounting kit is optional)                                                                                                                                                   |
| Dimensions (W x H x D) | 8.35" x 4.21" x 2.53" (212.15mm x 107mm x 64.2mm )                                                                                                                                                 |
| Gross Weight           | 6.6 lb (2.8 kg)                                                                                                                                                                                    |
| Net Weight             | 4.4 lb (2 kg)                                                                                                                                                                                      |
| <b>Environmental</b>   |                                                                                                                                                                                                    |
| Operating Temperature  | -4°F ~ 131°F (-20°C ~ 55°C) with wide temperature CFlash™ card<br>-4°F ~ 140°F (-20°C ~ 60°C) with wide temperature HDD<br>(according to IEC68-2-14 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         | 5 Grms/ 5 ~ 500Hz/ operation -CFlash™ card<br>1 Grms/ 5 ~ 500Hz/ operation - HDD                                                                                                                   |
| Anti-Shock             | —                                                                                                                                                                                                  |
| Certification          | CE/FCC class A, UL                                                                                                                                                                                 |

# BOXER-6614 04

Compact Fanless BOX PC Solutions

## Dimension Unit: mm



## Ordering Information

| Part Number          | CPU                       | RAM | LAN | USB | RS-232 | RS-232/422/485 | Storage                                                  | Display             | Expansion                                          | Mounting                                    | Power    | Temp.                                                                                                                                                              |
|----------------------|---------------------------|-----|-----|-----|--------|----------------|----------------------------------------------------------|---------------------|----------------------------------------------------|---------------------------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BOXER-6614-A1-1210   | Intel® Celeron® SoC N2930 | —   | 2   | 4   | 2      | 2              | CFast Socket x 1 (Easy-to-swap)                          | VGA x 1<br>HDMI x 1 | Full Size Mini-Card x 1<br>Half Size Mini-Card x 1 | Wallmount/ Din Rail Mounting Kit (Optional) | DC 12V   | -20°C~55°C with Wide Temp. CFast(with 0.5 m/s air flow, according to IEC68-2-14)                                                                                   |
| BOXER-6614-A1M-1210  | Intel® Celeron® SoC N2930 | —   | 2   | 4   | 2      | 2              | CFast Socket x 1 (Easy-to-swap)                          | VGA x 1<br>HDMI x 1 | Full Size Mini-Card x 1<br>Half Size Mini-Card x 1 | Wallmount/ Din Rail Mounting Kit (Optional) | DC 9-30V | -20°C~55°C with Wide Temp. CFast(with 0.5 m/s air flow, according to IEC68-2-14)                                                                                   |
| BOXER-6614-A2-1210   | Intel® Celeron® SoC N2930 | —   | 2   | 4   | 2      | 2              | CFast Socket x 1 (Easy-to-swap)<br>SATA 2.5" HDD bay x 1 | VGA x 1<br>HDMI x 1 | Full Size Mini-Card x 1<br>Half Size Mini-Card x 1 | Wallmount/ Din Rail Mounting Kit (Optional) | DC 12V   | -20°C~55°C with Wide Temp. CFast(with 0.5 m/s air flow, according to IEC68-2-14)                                                                                   |
| BOXER-6614-A2M-1210  | Intel® Celeron® SoC N2930 | —   | 2   | 4   | 2      | 2              | CFast Socket x 1 (Easy-to-swap)<br>SATA 2.5" HDD bay x 1 | VGA x 1<br>HDMI x 1 | Full Size Mini-Card x 1<br>Half Size Mini-Card x 1 | Wallmount/ Din Rail Mounting Kit (Optional) | DC 9-30V | -20°C~60°C with Wide Temp. HDD(with 0.5 m/s air flow, according to IEC68-2-14)                                                                                     |
| BOXER-6614-A11M-1210 | Intel® Celeron® SoC N2807 | —   | 2   | 4   | 2      | 2              | CFast Socket x 1 (Easy-to-swap)                          | VGA x 1<br>HDMI x 1 | Full Size Mini-Card x 1<br>Half Size Mini-Card x 1 | Wallmount/ Din Rail Mounting Kit (Optional) | DC 9-30V | -20°C~55°C with Wide Temp. CFast(with 0.5 m/s air flow, according to IEC68-2-14)                                                                                   |
| BOXER-6614-A12-1210  | Intel® Celeron® SoC N2807 | —   | 2   | 4   | 2      | 2              | CFast Socket x 1 (Easy-to-swap)<br>SATA 2.5" HDD bay x 1 | VGA x 1<br>HDMI x 1 | Full Size Mini-Card x 1<br>Half Size Mini-Card x 1 | Wallmount/ Din Rail Mounting Kit (Optional) | DC 12V   | -20°C~55°C with Wide Temp. CFast(with 0.5 m/s air flow, according to IEC68-2-14)<br>-20°C~60°C with Wide Temp. HDD(with 0.5 m/s air flow, according to IEC68-2-14) |

## Packing List

- Wallmount Bracket x 2
- Screw Package x 1
- RAM Thermal Pad x 1 (60mm x 25mm x 3mm) (For A1/A1M the SKU without HDD kit only)
- 3 Pin DC-In Power Connector x 1 (For A1M/A2M, for DC 9 ~30 V only)
- BOXER-6614

## Optional Accessories

- 125530060Z - DC Jack for 6614-A1/A2
- 1702031803 Power Adapter, AC, 100/240V, 12V/5A, 60W, W/ Lock, FSP, FSP060-DHAN3
- 1255900849 - 3 pin for 6614-A1M/A2M
- 1702031802 Power Adapter, AC, 100/240V, 12V/7A, 84W, FSP, FSP084-DHAN3
- 1702031803 Power Cord (European Type)
- 170203180E Power Cord (Japanese Type)
- 9741681003 Din Rail Mount Kit
- 1702031802 Power Cord (US Type)

Note: All specifications are subject to change without notice.

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05-6

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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