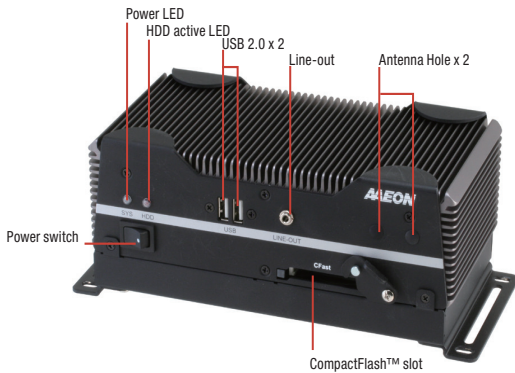


**04** **BOXER-6614**

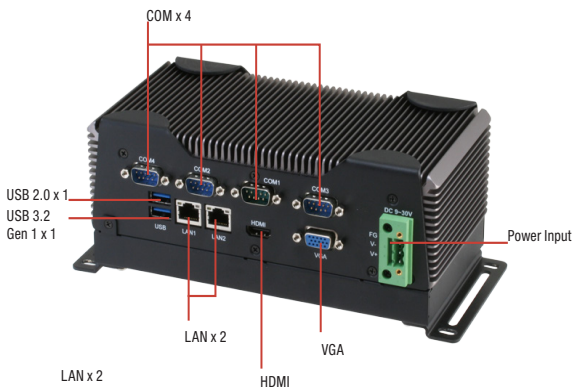
Fanless Embedded Box PC with Intel® Celeron® N2930 Quad Core 1.83 GHz/ Celeron® N2807 Dual Core 1.58 GHz

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



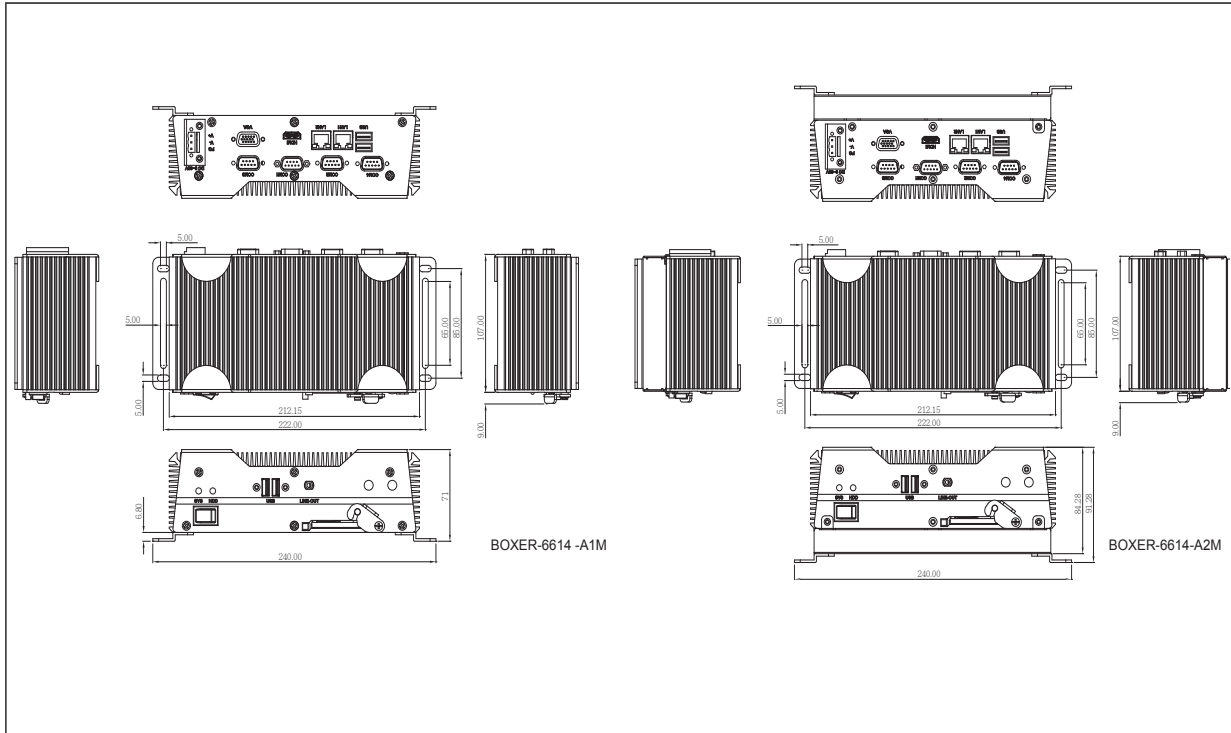
**Specifications**

System	
CPU	Intel® Celeron® N2930, 1.83 GHz 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	CFAST™, HDD/SSD
Ethernet	Intel® I210/I211, 10/100/1000 Base-TX x 2
I/O	RS-232/422/485 x 2 RS-232 x 2 USB 2.0 x 3 USB 3.2 Gen 1 x 1 VGA x 1 HDMI x 1 Line-out x 1 LAN x 2 CFAST slot x 1 Antenna holes x 2 Power switch Power input
Expansion	Full-size Mini-Card x 1 (PCI-E + USB, w/ SIM slot) Half-size Mini-Card x 1 (PCI-E + USB)
Indicator	Power LED HDD active LED
OS support	Windows® 10, Windows® 8.1 (32/64-bit), Windows® 7 (32/64-bit), 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 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 CFAST™ card -4°F ~ 140°F (-20°C ~ 60°C) with wide temperature HDD (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 -CFAST™ card 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 HDMI x 1	Full Size Mini-Card x 1 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 HDMI x 1	Full Size Mini-Card x 1 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-A2-1210	Intel® Celeron® SoC N2930	—	2	4	2	2	CFAST Socket x 1 (Easy-to-swap) SATA 2.5" HDD bay x 1	VGA x 1 HDMI x 1	Full Size Mini-Card x 1 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) SATA 2.5" HDD bay x 1	VGA x 1 HDMI x 1	Full Size Mini-Card x 1 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 HDMI x 1	Full Size Mini-Card x 1 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) SATA 2.5" HDD bay x 1	VGA x 1 HDMI x 1	Full Size Mini-Card x 1 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) -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
- 170203180E Power Cord (European Type)
- 1255900849 - 3 pin for 6614-A1M/A2M
- 170203180E Power Cord (Japanese Type)
- 9741681003 Power Adapter, AC, 100/240V, 12V/7A, 84W, FSP, FSP084-DHAN3
- 9741681003 Din Rail Mount Kit
- 1702031802 Power Cord (US Type)

Note: All specifications are subject to change without notice.

## 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.

### US

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +1 347 719 4508  
Support: +1 347 719 4508

1309 Coffeen Ave  
Ste 1200  
Sheridan  
WY 82801  
USA

### EMEA

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +44 (0)1785 879 050  
Support: +44 (0)1785 879 050

Unit A5 Douglas Park  
Stone Business Park  
Stone  
ST15 0YJ  
United Kingdom

VAT Number: 120 9546 28  
Business Registration Number: 07699660