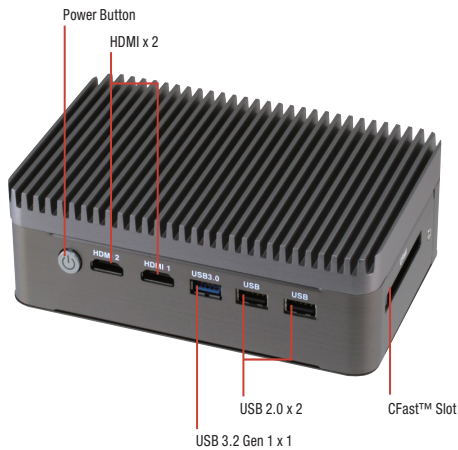


# BOXER-6404M

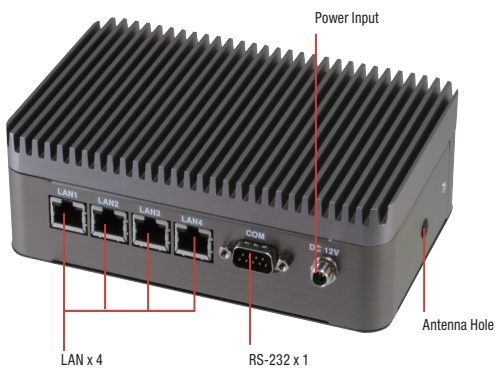
Wide Temperature Compact Embedded Box PC with LAN x 4, HDMI x 2, Intel® Celeron® J1900/N2807 Processor SoC

Ultra Slim Fanless BOX PC Solutions

Front View



Rear View



## Features

- Quad GbE LAN Port for Industrial Network Appliance
- 2.5" HDD/SSD Bay x 1
- Dual HDMI Port
- USB 3.2 Gen 1 Port Connectivity
- Easy Access Storage Bay
- Operating in -22°F ~ 167°F (-30°C ~ 75°C) Environment



## Specifications

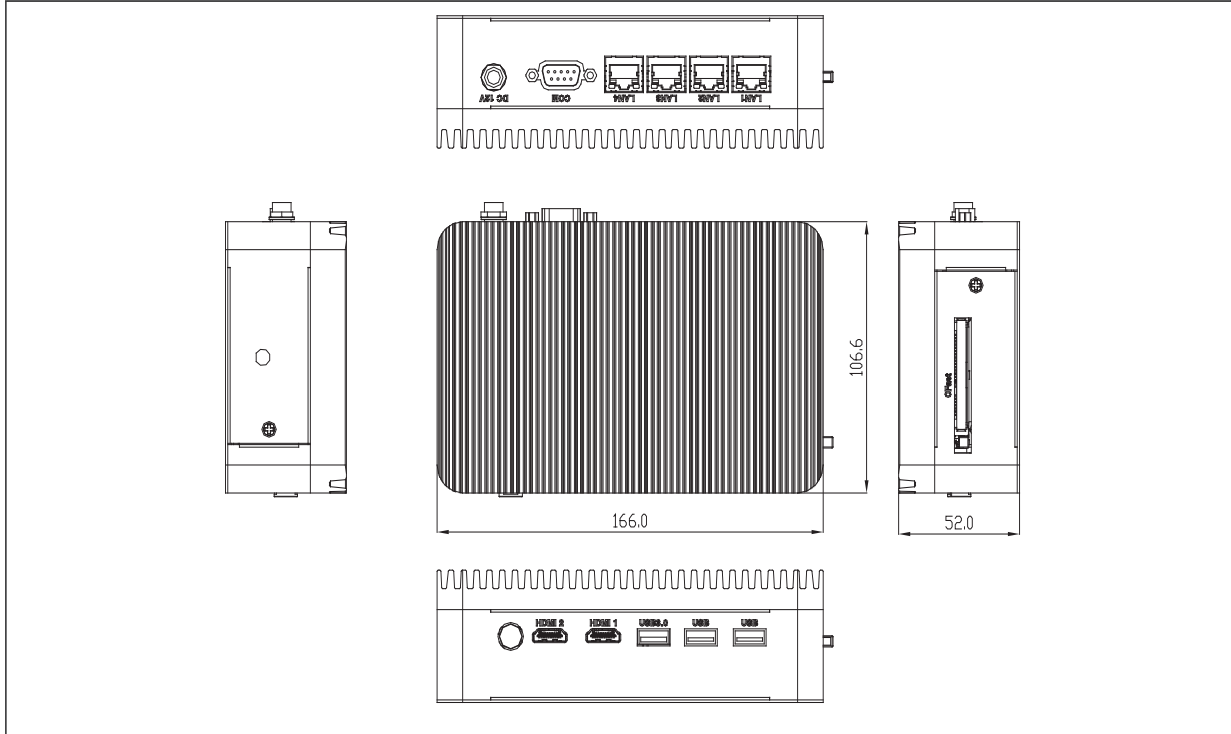
| System                 |  |
|------------------------|--|
| CPU                    | Intel® Celeron® J1900, 2.0 GHz<br>Intel® Celeron® N2807, 1.58 GHz  |
| Chipset                | Intel® System on Chip  |
| System Memory          | DDR3L 1333 SODIMM slot x 1, up to 8 GB (J1900) or 4 GB (N2807)   |
| Display Interface      | HDMI   |
| Storage Device         | CFast™, HDD/SSD  |
| Ethernet               | Intel® I210AT, 10/100/1000Base-TX x 4  |
| I/O                    | RS-232 x 1<br>USB 2.0 x 2<br>USB 3.2 Gen 1 x 1<br>HDMI x 2<br>LAN x 4<br>CFast slot x 1<br>Antenna hole x 1<br>Power button<br>Power input |
| Expansion              | Full-size Mini-Card (USB interface only) x 1   |
| Indicator              | Power LED on power button  |
| OS support             | Windows® 10, Windows® 8.1, Windows® 7, Windows® Embedded 8, Windows® Embedded 7, Linux Fedora  |
| Power Supply           |  |
| Power Requirement      | 12V - 24V with lockable DC jack  |
| Mechanical             |  |
| Mounting               | VESA (Mounting kit is optional)<br>DIN rail (Mounting kit is optional)   |
| Dimensions (W x H x D) | 6.53" x 4.20" x 2.05" (166mm x 106.6mm x 52mm)   |
| Gross Weight           | 3.81 lb (1.73 kg)  |
| Net Weight             | 2.8 lb (1.27 kg)   |
| Environmental          |  |
| Operating Temperature  | -22°F ~ 167°F (-30°C ~ 75°C) with wide temperature CFast™ card (according to IEC68-2-14 with 0.5 m/s AirFlow; with industrial devices)     |
| Storage Temperature    | -22°F ~ 176°F (-30°C ~ 80°C)   |
| Storage Humidity       | 95% @ 40°C, non-condensing   |
| Anti-Vibration         | 5 Grms/ 5 ~ 500Hz/ operation -CFast™ card or SSD<br>1 Grms/ 5 ~ 500Hz/ operation -HDD  |
| Anti - Shock           | —  |
| Certification          | CE/FCC class A   |

# BOXER-6404M

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Ultra Slim Fanless BOX PC Solutions

**Dimension** Unit: mm



## Ordering Information

| Part Number         | CPU          | RAM | LAN | USB 3.2 Gen 1 | USB2.0 | RS-232 | Storage                                | Display  | Expansion                                    | Mounting         | Power           | Operating Temp.                                  |
|---------------------|--------------|-----|-----|---------------|--------|--------|--|----------|--|------------------|-----------------|--|
| BOXER-6404M-A1-1210 | Intel® J1900 | —   | 4   | 1             | 2      | 1      | CFast™ bay x 1<br>2.5" HDD/SSD bay x 1 | HDMI x 2 | Full size Mini-card slot x 1<br>(USB signal) | Din Rail/VESA 75 | 12V - 24V DC in | -30°C ~ 75°C (-22°F ~ 167°F) with 0.5m/s airflow |
| BOXER-6404M-A2-1210 | Intel® N2807 | —   | 2   | 1             | 2      | 1      | CFast™ bay x 1<br>2.5" HDD/SSD bay x 1 | HDMI x 1 | Full size Mini-card slot x 1<br>(USB signal) | Din Rail/VESA 75 | 12V - 24V DC in | -30°C ~ 75°C (-22°F ~ 167°F) with 0.5m/s airflow |

## Packing List

- **125530040C**  
Power Adapter
- **BOXER-6404M**

## Optional Accessories

- **1702031802**  
Power Cord (US type)
- **1702031803**  
Power Cord (European Type)
- **170203180E**  
Power Cord (Japanese Type)
- **9741236A00**  
WiFi Module & Antenna
- **9741EG25G0**  
4G Module & Antenna (for global)
- **9741640400**  
VESA Mount Kit
- **9641640401**  
DIN Rail Mount Kit
- **9741640402**  
CFast™ Cover Kit

## 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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