

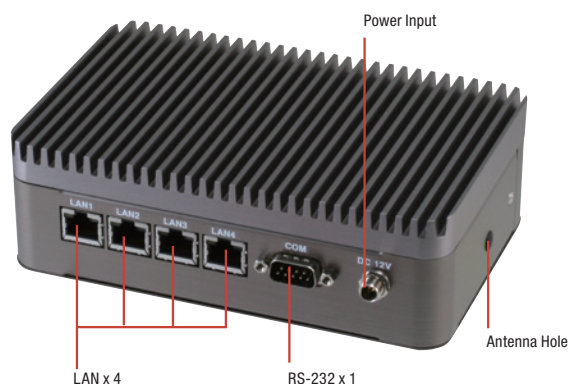
# BOXER-6404M

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

Front View



Rear View



## Features

- Quad GbE LAN Port for Industrial Network Appliance
- 2.5" HDD/SDD 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

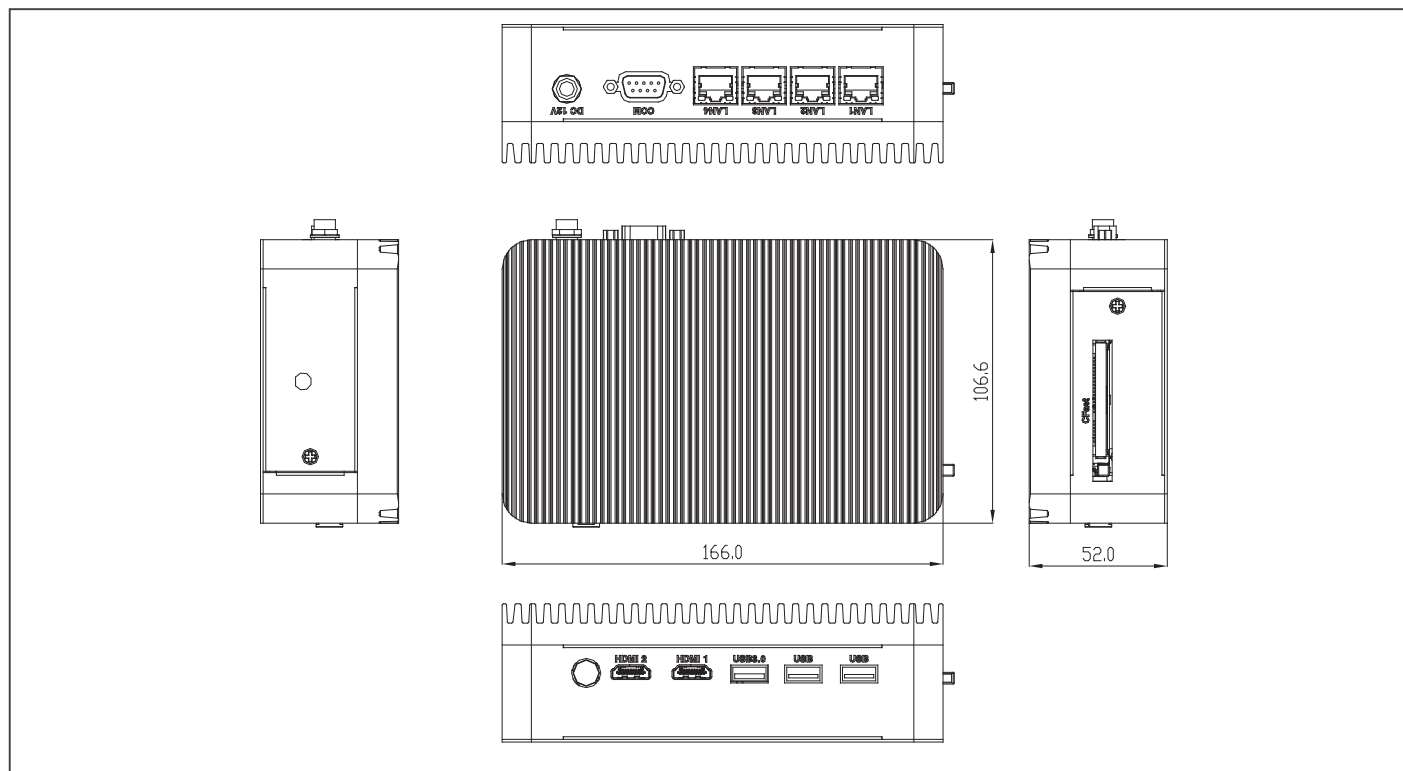


## Specifications

| 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® I211, 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                                                      |
| Certification          | CE/FCC class A                                                                                                                             |

## 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-A1-1110 | 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-A2-1110 | 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
- **9741EC20E1**  
4G Module & Antenna (For Europe)
- **9741640400**  
VESA Mount Kit
- **9641640401**  
DIN Rail Mount Kit
- **9741640402**  
C-Fast™ Cover Kit