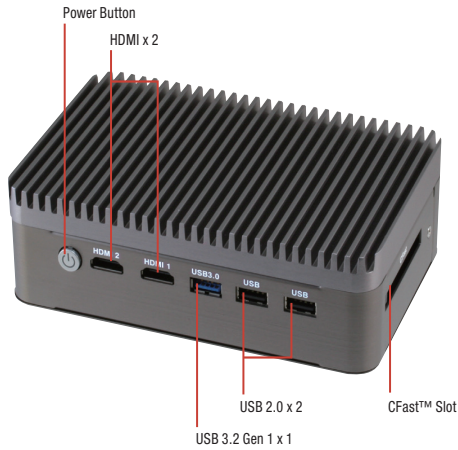


BOXER-6404M

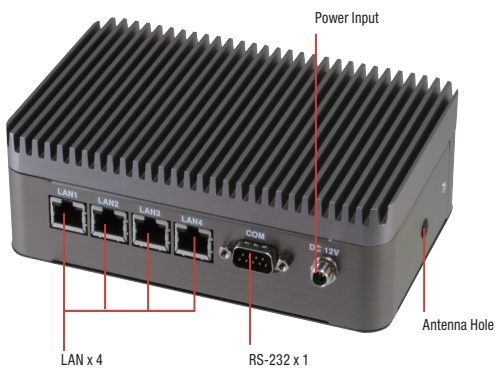
Wide Temperature Compact Embedded Box PC with LAN x 4, HDMI x 2, Intel® Celeron® J1900/N2807 Processor SoC

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

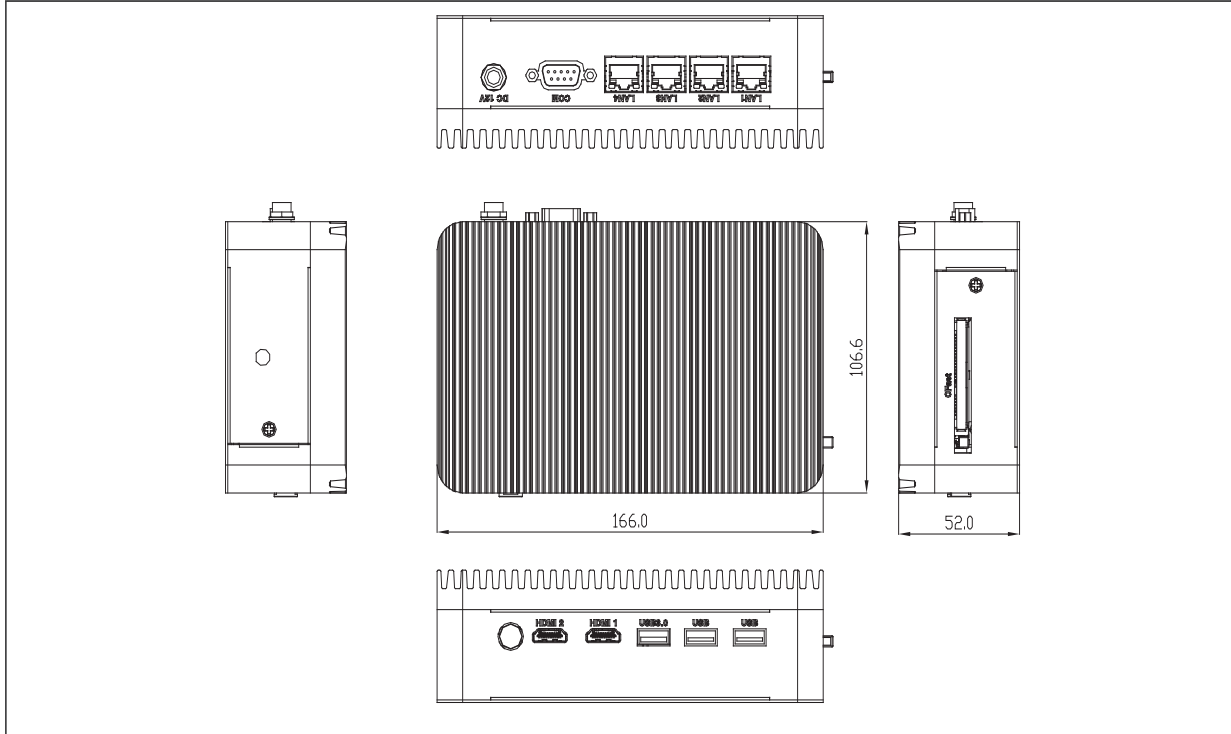
| System | |
|------------------------|--|
| CPU | Intel® Celeron® J1900, 2.0 GHz Intel® Celeron® N2807, 1.58 GHz |
| Chipset | Intel® System on Chip |
| System Memory | DDR3L 1333 SODIMM slot x 1, up to 8 GB (J1900) or 4 GB (N2807) |
| Display Interface | HDMI |
| Storage Device | CFast™, HDD/SSD |
| Ethernet | Intel® I210AT, 10/100/1000Base-TX x 4 |
| I/O | RS-232 x 1 USB 2.0 x 2 USB 3.2 Gen 1 x 1 HDMI x 2 LAN x 4 CFast slot x 1 Antenna hole x 1 Power button 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) 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 1 Grms/ 5 ~ 500Hz/ operation -HDD |
| Anti - Shock | — |
| Certification | CE/FCC class A |

BOXER-6404M

05

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 2.5" HDD/SSD bay x 1 | HDMI x 2 | Full size Mini-card slot x 1 (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 2.5" HDD/SSD bay x 1 | HDMI x 1 | Full size Mini-card slot x 1 (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
- **9741EG2560**
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.

US

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

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