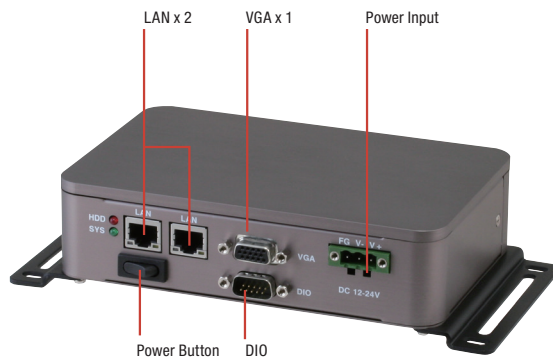
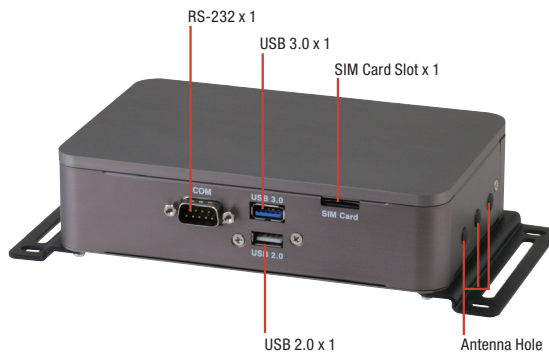


Compact Embedded Box PC with Intel® Celeron® Processor SoC

Front View



Rear View



## Features

- Dual GbE LAN Port for Industrial Network Appliance
- 2.5" HDD/SDD Bay x 1
- USB 3.0 Port Connectivity
- 8-bit Programmable Digital Input/Output
- 12 ~ 24V DC-in Support

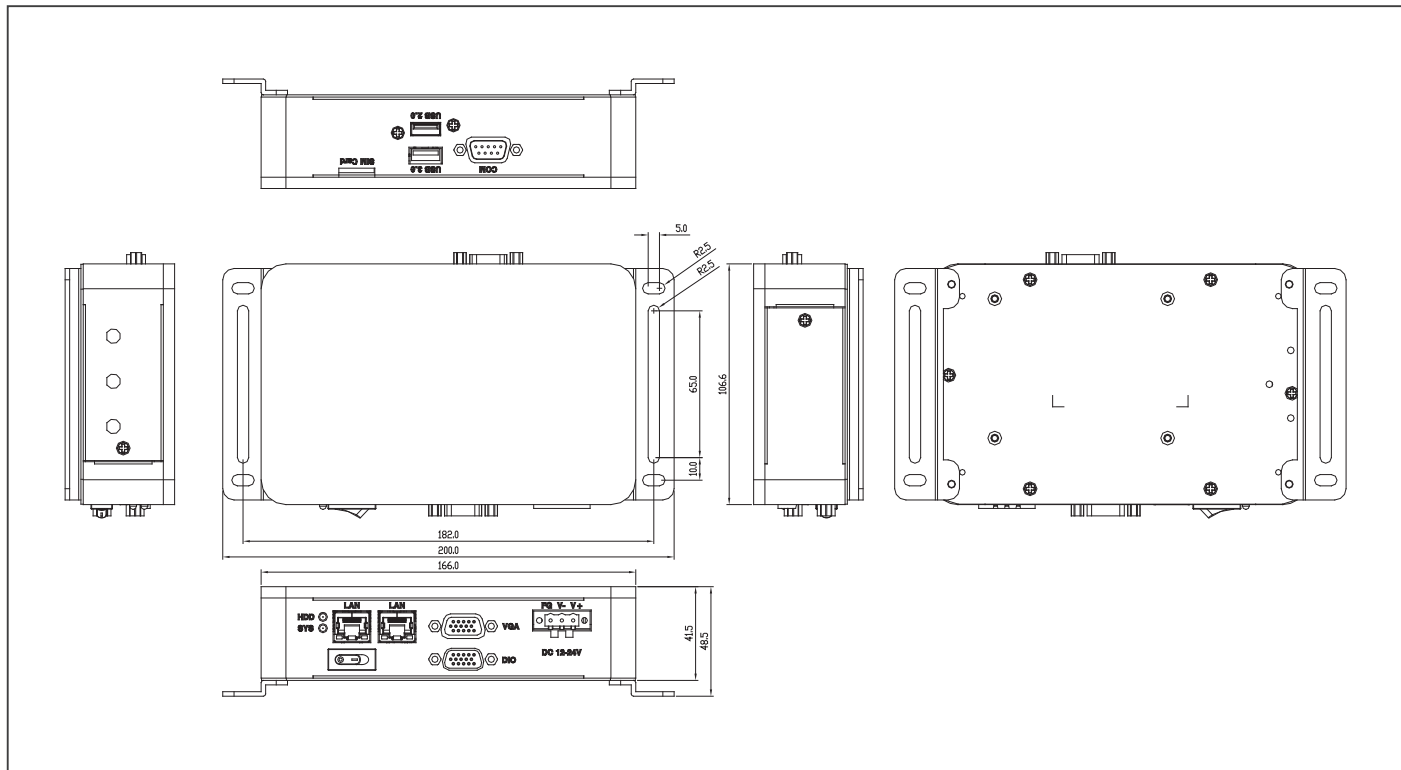


## Specifications

| 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      | VGA   |
| Storage Device         | mSATA, HDD/SSD  |
| Ethernet               | REALTEK. RTL8111E-VL-CG, 10/100/1000Base-TX x 2   |
| I/O                    | RS-232 x 1<br>USB 2.0 x 1<br>USB 3.0 x 1<br>VGA x 1<br>LAN x 2<br>Digital I/O x 8 bit<br>Antenna holes x 3<br>Power switch<br>Power input |
| Expansion              | Full-size Mini-Card x 1<br>Half Mini-Card x 1 (for mSATA)<br>SIM card slot x 1  |
| Indicator              | Power LED<br>HDD active LED   |
| OS support             | Windows® 10, Windows® 8.1, Windows® 7, Windows® Embedded 8, Windows® Embedded 7, Linux Fedora   |
| Power Supply           |   |
| Power Requirement      | 12 - 24V with 3-pin terminal block  |
| Mechanical             |   |
| Mounting               | Wallmount<br>VESA (Mounting kit is optional)<br>DIN rail (Mounting kit is optional)   |
| Dimensions (W x H x D) | 6.53" x 4.20" x 1.63" (166 mm x 106.6 mm x 41.5 mm)   |
| Gross Weight           | 3.6 lb (1.6 kg)   |
| Net Weight             | 1.76 lb (0.8 kg)  |
| Environmental          |   |
| Operating Temperature  | -13°F ~ 140°F (-25°C ~ 60°C) with wide temperature HDD/mSATA (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 -mSATA   |
| Certification          | CE/FCC class A  |

## Dimension

Unit: mm



## Ordering Information

| Part Number         | CPU          | RAM | LAN | USB 3.0 | USB 2.0 | RS-232 | Digital I/O | Storage  | Display | Expansion   | Mounting                       | Power        | Operation Temp.              |
|---------------------|--------------|-----|-----|---------|---------|--------|-------------|--|---------|---|--------------------------------|--------------|------------------------------|
| BOXER-6404U-A1-1010 | Intel® J1900 | —   | 2   | 1       | 1       | 1      | 8 bit       | 2.5" Drive Bay x 1,<br>Half-size mSATA bay x 1 | VGA x 1 | Full-size Minicard x 1,<br>Half-size Minicard x 1 | Wallmount/Din Rail/<br>VESA 75 | DC in 12-24V | -13°F ~ 140°F (-25°C ~ 60°C) |
| BOXER-6404U-A2-1010 | Intel® N2807 | —   | 2   | 1       | 1       | 1      | 8 bit       | 2.5" Drive Bay x 1,<br>Half-size mSATA bay x 1 | VGA x 1 | Full-size Minicard x 1,<br>Half-size Minicard x 1 | Wallmount/Din Rail/<br>VESA 75 | DC in 12-24V | -13°F ~ 140°F (-25°C ~ 60°C) |

## Packing List

- Wallmount Bracket x 2
- Phoenix Power Connector x 1
- Product DVD
- BOXER-6404U

## Optional Accessories

- 1255300402  
Power Adaptor
- 1702031802  
Power Cord (US type)
- 1702031803  
Power Cord (European Type)
- 170203180E  
Power Cord (Japanese Type)
- 9741238H00  
WiFi Module & Antenna
- 9741EC20E0  
4G Module & Antenna (for Europe)
- 9741640403  
VESA Mount Kit
- 9741640404  
Din rail Mount Kit