

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

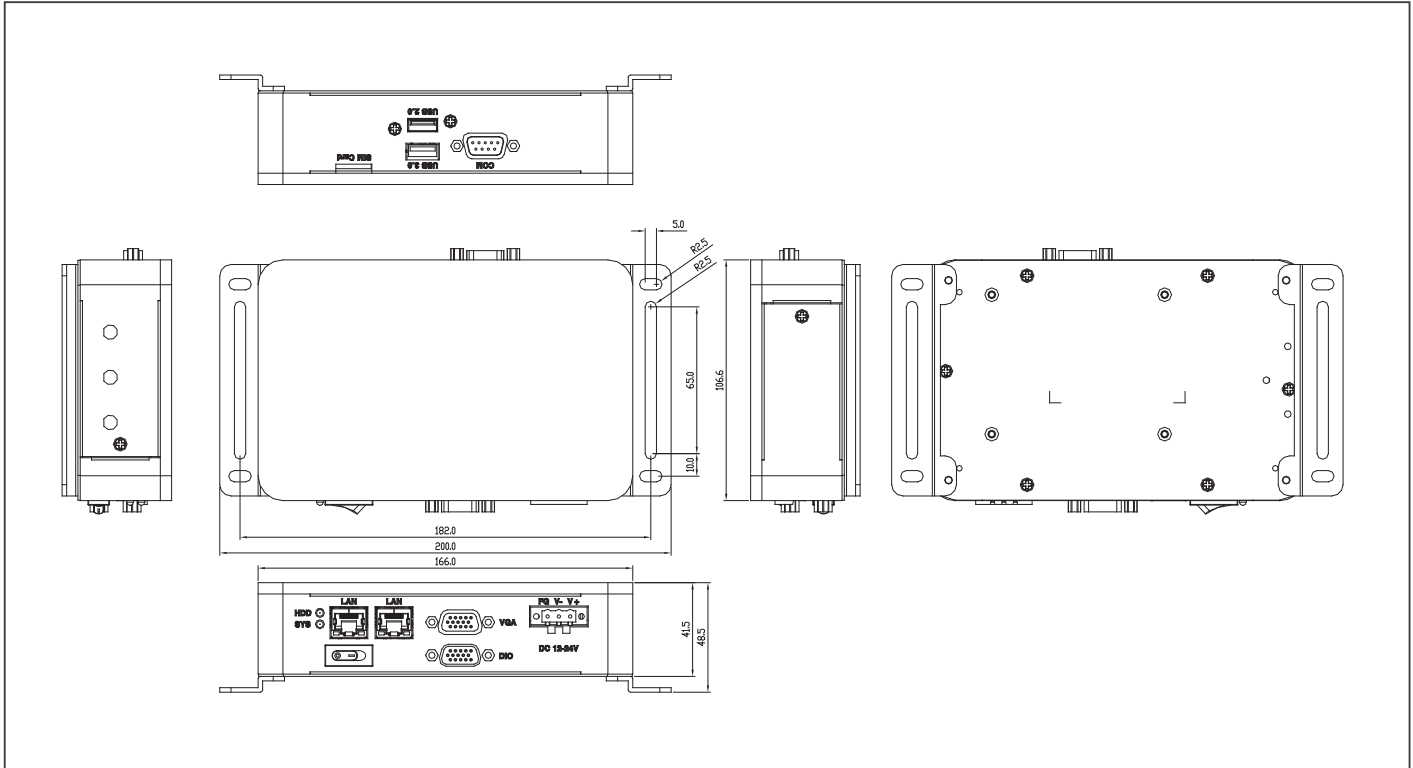


Specifications

System	
CPU	Intel® Celeron™ J1900, 2.0 GHz 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 USB 2.0 x 1 USB 3.0 x 1 VGA x 1 LAN x 2 Digital I/O x 8 bit Antenna holes x 3 Power switch Power input
Expansion	Full-size Mini-Card x 1 Half Mini-Card x 1 (for mSATA) SIM card slot x 1
Indicator	Power LED 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 VESA (Mounting kit is optional) 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, Half-size mSATA bay x 1	VGA x 1	Full-size Minicard x 1, Half-size Minicard x 1	Wallmount/Din Rail/ 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, Half-size mSATA bay x 1	VGA x 1	Full-size Minicard x 1, Half-size Minicard x 1	Wallmount/Din Rail/ 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