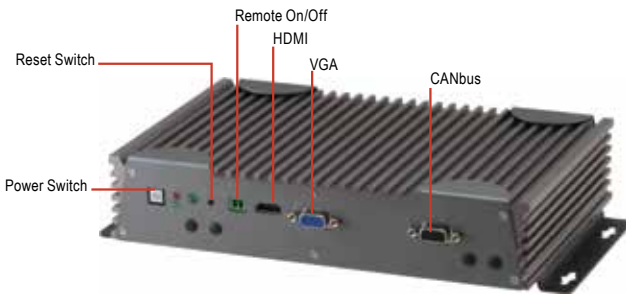
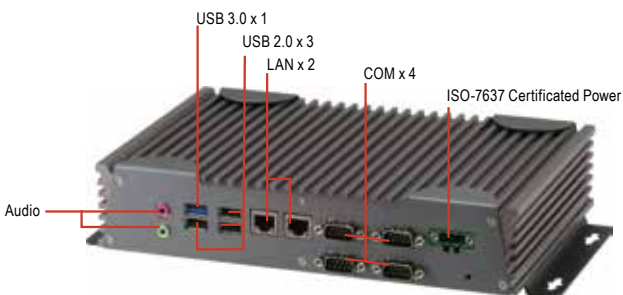


In-Vehicle Box PC with Intel® Atom™ E3845, 1.91 GHz Processor

Front View

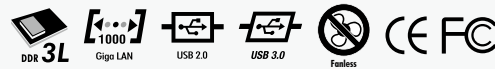


Rear View



Features

- Intel® Atom™ E3845, 1.91 GHz 4C4T Processor, Optional for J1900, N2807
- 2.5" Drive Bay x 2
- Support OVP/UVF/Reverse Protection, On/Off Delay and Battery Protection
- Fanless Operation
- Mini PCIe x 3 and SIM x 3
- Onboard CANBUS/ GPS
- Support DC +12V or DC +24V Vehicle Power and ACC Function



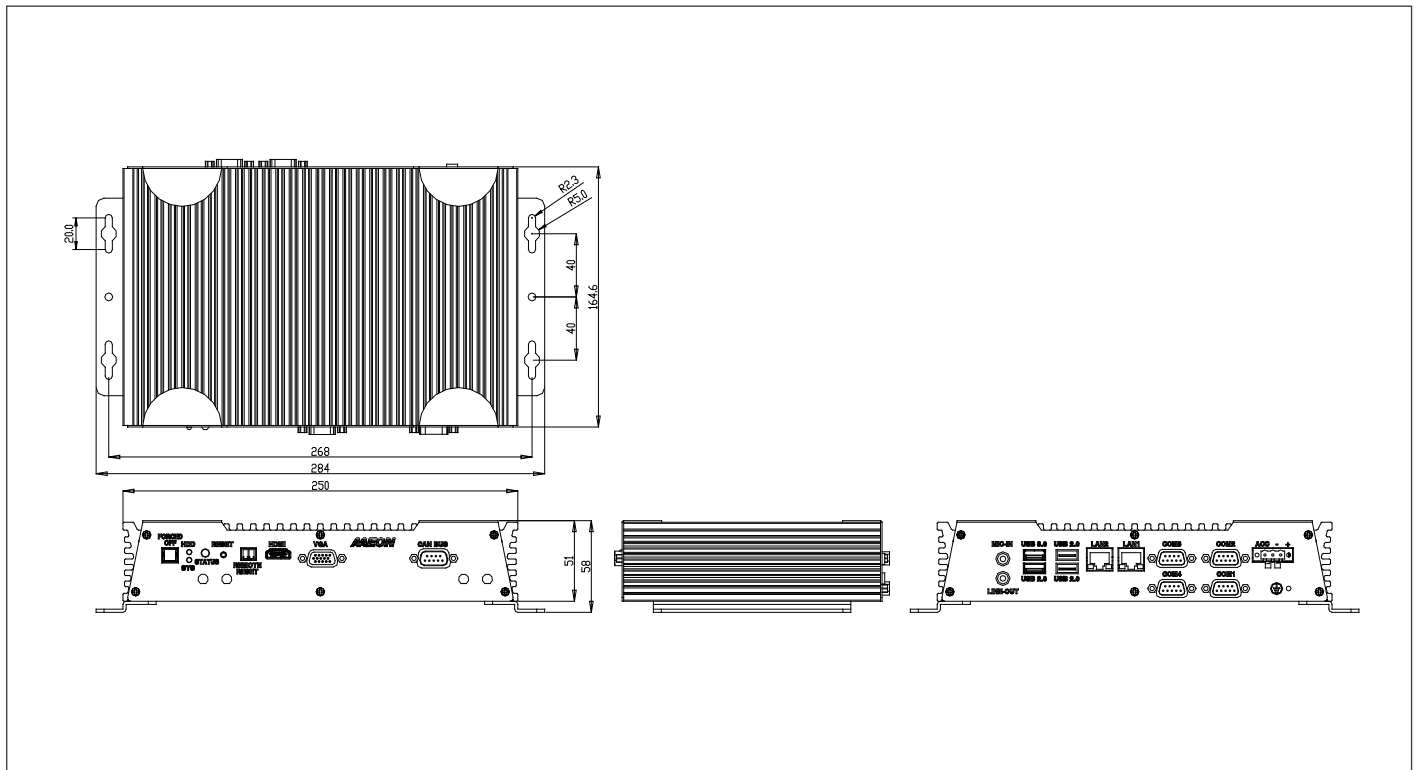
Specifications

| System | |
|------------------------|---|
| CPU | Intel® Atom™ E3845, 1.91 GHz |
| Chipset | Intel® System on Chip |
| System Memory | DDR3L 1066/1333 SODIMM slot x 1, up to 8 GB |
| Display Interface | HDMI, VGA |
| Storage Device | CFast™ slot x 1, 2.5" HDD bay x 2 |
| Ethernet | Intel® I211, 10/100/1000Base-TX x 2 |
| I/O | RS-232/422/485 x 2 isolated RS-232 x 2 USB 3.0 x 1 USB 2.0 x 3 HDMI x 1 VGA x 1 LAN x 2 CAN bus x 1 Mic-in x 1 Line-out x 1 CFast™ slot x 1 Antenna hole x 4 Power on/off LED button x 1 Power input |
| Expansion | Full-size Mini-Card x 3 with SIM slot x 3 |
| Indicator | Power LED on power button HDD active LED |
| OS Support | Windows® 10, Windows® 8.1, Windows® 7, Linux Fedora |
| Power Supply | |
| Power Requirement | 12V with M12 (for A1) 24V with M12 (for A2) |
| Mechanical | |
| Mounting | Wallmount |
| Dimensions (W x H x D) | 10.55" x 6.48" x 2.00" (268mm x 164.6mm x 51mm) |
| Gross Weight | — |
| Net Weight | — |
| Environmental | |
| Operating Temperature | -15°C ~ 65°C (according to IEC60068-2, with 0.5m/s AirFlow) |
| Storage Temperature | -40°C ~ 80°C |
| Storage Humidity | 95% @ 40°C, non-condensing |
| Anti-Vibration | 3 Grms/ 5~ 500Hz/ operation – CFast™ |
| Certification | CE/FCC class A, E13, ISO7637 |

BOXER-6313U

Dimension

Unit: mm



Ordering Information

| Part Number | CPU | RAM | LAN | POE | USB 3.0 | USB 2.0 | RS-232 | RS-232/422/485 | DIO | Audio | Storage | Display | Expansion | Mounting | Power | Temp. |
|---------------------|-----------------------------|-----|-----|-----|---------|---------|--------|----------------|-----|----------------------------|--------------------|---------------------|-------------------------|-----------|----------------|--------------|
| BOXER-6313U-A1-1010 | Intel® Atom™ E3845 1.91 GHz | — | 2 | — | 1 | 3 | 2 | 2 | — | Line-out x 1 MIC-in x 1 | 2.5" Drive bay x 2 | VGA x 1 HDMI x 1 | Full-size Mini-Card x 3 | Wallmount | DC 12V Battery | -15°C ~ 65°C |
| BOXER-6313U-A2-1010 | Intel® Atom™ E3845 1.91 GHz | — | 2 | — | 1 | 3 | 2 | 2 | — | Line-out x 1 MIC-in x 1 | 2.5" Drive bay x 2 | VGA x 1 HDMI x 1 | Full-size Mini-Card x 3 | Wallmount | DC 24V Battery | -15°C ~ 65°C |

Packing List

- Phoenix 3-pin DC-in Power Connector x 1
- Phoenix 2-pin Remote Reset Connector x 1
- GPS Antenna x 1
- Screw Pack x 1
- Wallmount Bracket x 2
- RAM Thermal Kit x 1
- Product DVD
- BOXER-6313U

Optional Accessories

- **9751640300**
4G (EU) & GPS Module Kit
- **9751640301**
4G (US) & GPS Module Kit
- **9741C50W04**
WiFi 802.11 b/g/n + BT 3.0 Kit