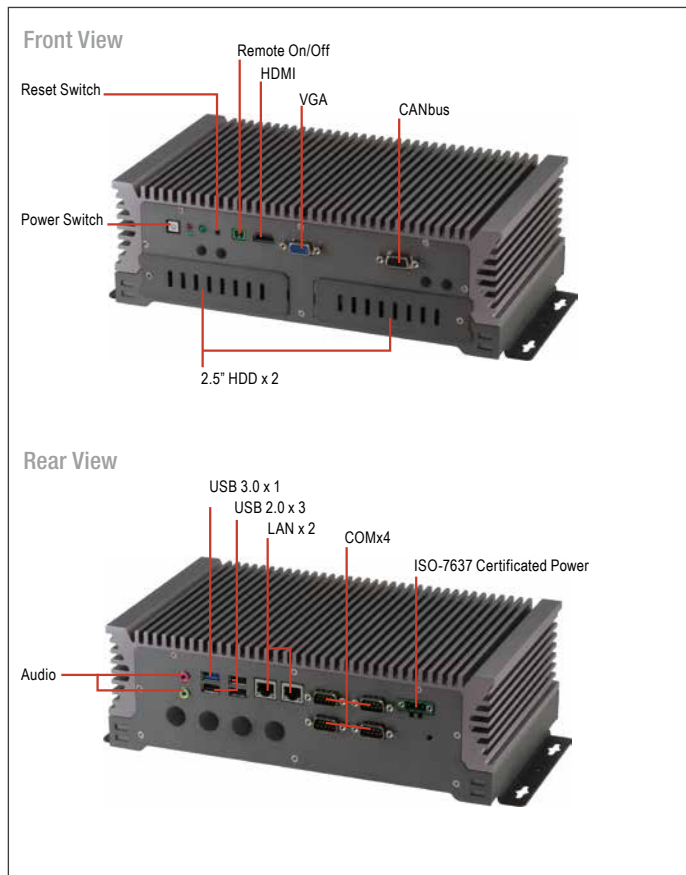
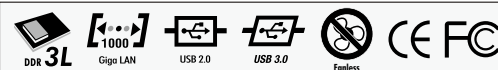


In-Vehicle Box PC with Intel® Atom™ E3845, 1.91 GHz Processor



Features

- Intel® Atom™ E3845, 1.91 GHz 4C4T Processor, Optional for J1900, N2807
- Easy Access 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 x3
- Onboard CANBUS/ GPS
- Support DC +12V or DC +24V Vehicle Power and ACC Function



Expansion	PCI-E [x1]	—
	PCI	—
	Mini-Card	Full-size Mini-Card x 3 with SIM slot x 3
	Mini PCI	—
Indicator	Others	—
	Front	Onboard system power LED x 1 (green) Onboard HDD active LED x 1 (red) Onboard power status LED x 1 (green)
	Rear	—
Power Requirement	DC-in 3-pin terminal block (9~30V)	
Power Consumption	—	
System Cooling	Passive	
Mounting	Wallmount	
Operating Temperature	5°F ~ 149°F (-15°C ~ 65°C) according to IEC60068-2, 0.5m/s air flow	
Storage Temperature	-49°F ~ 176°F (-45°C ~ 80°C)	
Anti-Vibration	1 Grms/ 5~ 500Hz/ operation – HDD	
Anti-Shock	50 G peak acceleration (11 msec. duration) – mSATA & SSD 20 G peak acceleration (11 msec. duration) – HDD	
MTBF(Hours)	—	
Certification	EMC	CE/FCC class A
	Safety	—
	Others	E13, ISO 7637
Dimension (W x H x D)	286mm x 164.2mm x 92mm	
Gross Weight	15.4 lb (7 kg)	
Net Weight	14.3 lb (6.5 kg)	
Note	Windows® 7, Windows® 8/8.1, Windows® 10, Linux Fedora	

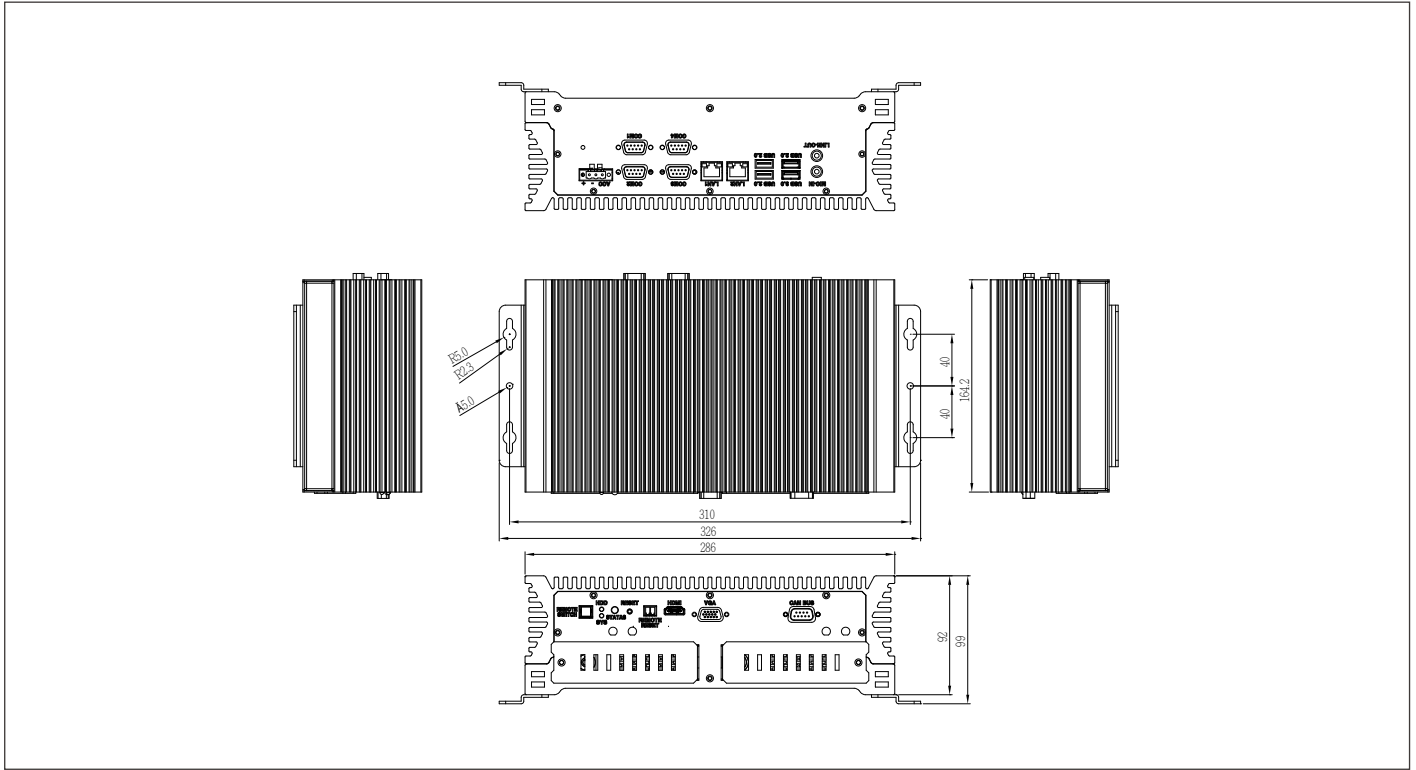
Specifications

CPU	Intel® Atom™ E3845 1.91 GHz Processor (Optional for J1900, N2807)	
Chipset	—	
System Memory	204-pin DDR3L 1066/1333MHz SODIMM x 1, up to 8 GB (J1900 & N2807 don't support 1066MHz SODIMM)	
Display Interface	VGA	VGA x 1
	DVI	—
	HDMI	HDMI x 1
	Others	—
Storage Device	CF/CFast™	—
	2.5" HDD/SSD	2.5" HDD bay x 2
Network Device	LAN	Gigabit Ethernet x 2
	Wireless	Optional by Mini-Card wireless module
Front I/O	USB Host	—
	LAN	—
	Serial Port	—
	DIO	—
	Audio	—
	KB/MS	—
	Others	VGA, HDMI, CANbus, Power on/off
Rear I/O	USB Host	USB type A x 1 for USB 3.0 USB type A x 3 for USB 2.0
	LAN	RJ-45 x 2 for 10/100/1000Base-TX
	Serial Port	DB-9 x 2 for RS-232 DB-9 x 2 for RS-232/422/485 (isolated)
	DIO	—
	Audio	Mic-in x 1, Line-out x 1
	KB/MS	—
	Others	—

BOXER-6313

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-6313-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 ~ 50°C
BOXER-6313-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 ~ 50°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
- HDD Tray Key x 2
- Product DVD
- BOXER-6313

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