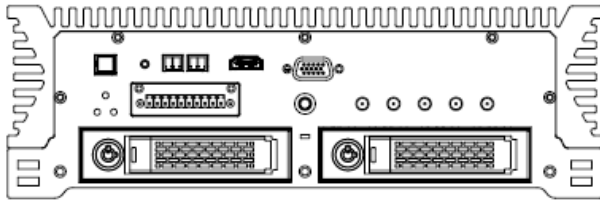


BOXER-6313

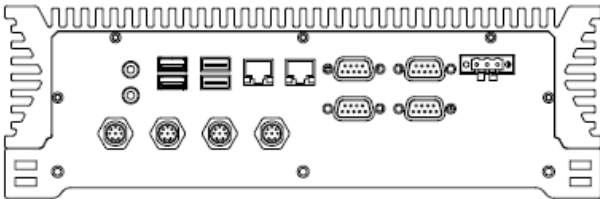
Fanless Vehicle Controller with Intel® ATOM E3845 Processor

Preliminary

Front View



Rear View



Features

- Intel®ATOM E3845 1.91GHz Processor
- 12/24V Vehicle Power Supply with 3-pin terminal block
- Support LAN x 2, VGA,HDMI, COM x 3, USB x4
- MiniCard x3, SIM slots x3
- Ignition/ACC Control
- Support 2.5" DriveBay x 2
- Fanless Operation (-20°C ~ 70°C)
- Built-in G-sensor, CANBUS
- Optional for WiFi, 3G/4G, GPS, J1939, POE



Rear I/O	USB Host	USB Type A x 1 For USB 2.0, USB Type A x 1 For USB 3.0
	LAN	RJ-45 x 2, Gigabit Ethernet
	Serial port	DB-9 x 2 for RS-232 /422/485 x 2 DB-9 x 2 for RS-232 x 2
	Expansion	—
	Others	3-pin terminal block x 1 (ACC, V-, V+), Line-out x1, Mic-in x1 Optional for 802.11af M12 POE x4
Expansion	Display	VGA x 1 , HDMI x1
	PCIe [x1]	—
	PCI	—
	Mini Card	Mini PCIe card x 3, SIM Socket x3
	Others	—
Indicator	Front	HDD Active LED x 1 (G), System Power LED x 1 (Y), Power Status LED x1(G)
	Rear	—
Power Requirement	DC 12/24V compliant with ISO-7637 and E-Mark	
Power Consumption	—	
System Cooling	Passive	
Mounting	Wallmount/Din-rail	
Operating Temperature	-20°C ~ 70°C (-4°F ~ 158°F) with 0.5m/s Airflow ** Final spec will depend on testing result	
Storage Temperature	-20°C ~ 70°C (-4°F ~ 158°F)	
Anti-Vibration	3G rms / 5 ~ 500Hz / operation – CFast 1G rms / 5~ 500Hz / operation – SSD	
Anti-Shock	50G peak acceleration (11 msec. duration) – CFast 20G peak acceleration (11 msec. duration) – SSD	
MTBF	—	
Certification	EMC	CE/FCC class A
	Safety	—
Dimension (W x H x D)	TBC	
Gross Weight	TBC	

Specifications

CPU	Intel® ATOM E3845 1.91GHz Processor (optional for J1900 or N2930)	
Chipset	—	
System Memory	DDR3L 1066/1333 SODIMM x 1, Max.8GB	
Display Interface	VGA	VGA x1
	DVI	—
	Others	HDMI x1 (Optional for DP)
Storage Device	SSD	CFast™ slot x 1
	HDD	2.5" Drive Bay x 2
Network	LAN	Gigabit Ethernet, RJ-45 x 2
	Wireless	Optional 3G, 4G, WiFi, GPS, BT
Front I/O	Wireless	SIM slot x 2, Antenna hole x 4
	Storage	2.5" Lockable Drive Bay x2
	Audio	—
	USB Host	USB Type A x 2 for USB 2.0
	Serial Port	—
	DIO	—
	Others	Power On/Off Switch x 1 Indicator x 3 (System Power x 1 in Yellow, HDD Active x 1 in Green, Power Status x1 in Green), SIM Slot x 3