



eBOX-3231

V1.0

Fanless Industrial Computer



Intel® Bay Trail J1900
High performance processor,
Wall -mounted and fanless mini PC

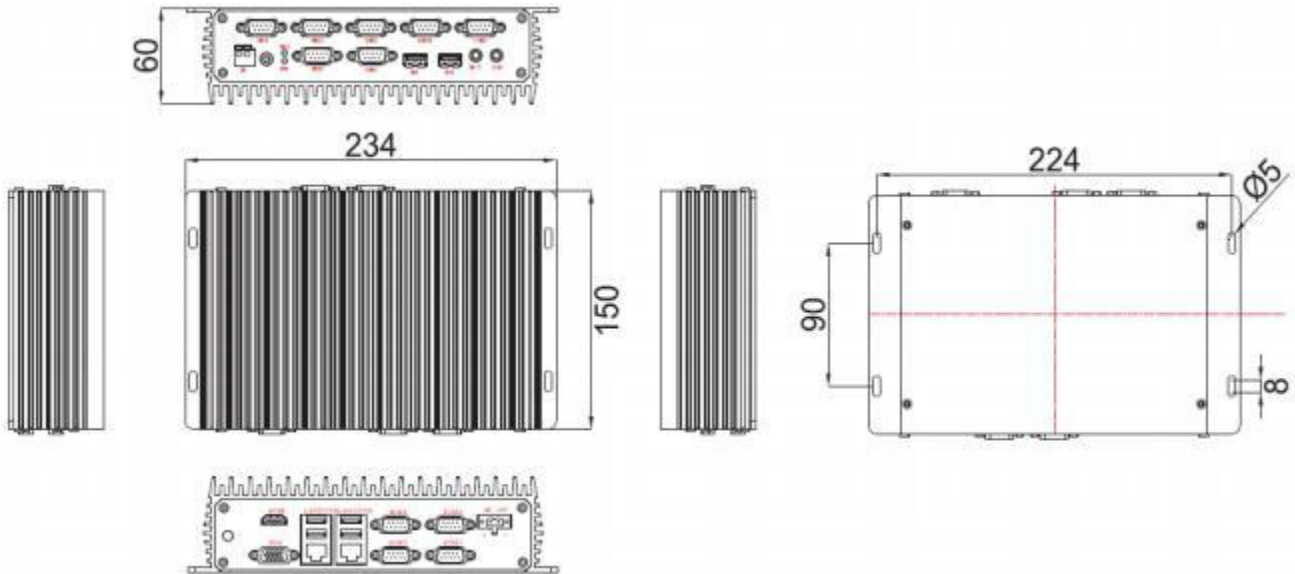


Specifications:

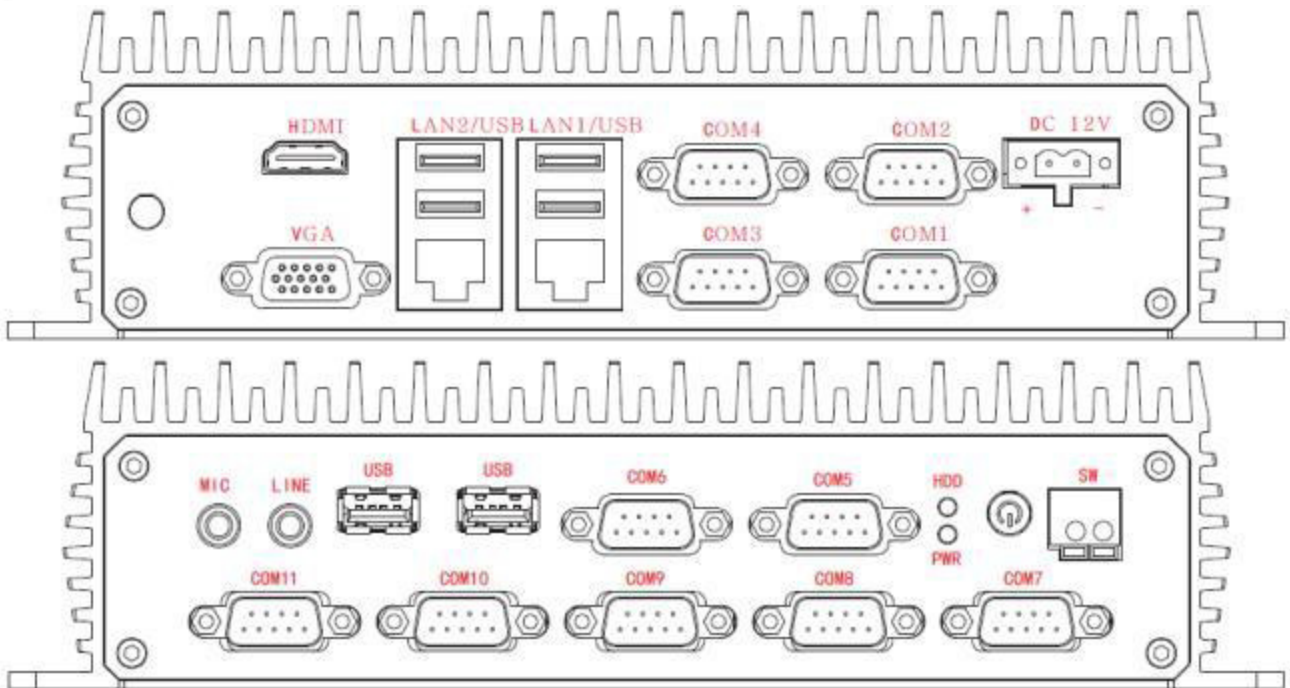


Processor	CPU	Onboard Intel Bay Trail J1900 2.0GHz single-chip quad-core processor
	Frequency	Dual core 2.0GHZ
	L2 Cache	2MB
	Chipset	Intel Bay trail SOC
	BIOS	AMI EFI 16Mbit
Memory	Architecture	DDR3L-1333 MHz,
	Capacity	Up to 8GB
	DIMM	1 * SO-DIMM
Display	VGA	Up to 1920 x 1200
	DVI	N/A
	HDMI	Supports HDMI v1.3 up to 1080P
	Display	Yes, VGA + HDMI
LAN	LAN	2*Realtek Gigabit Ethernet ports
Audio	Port	Optional
	Amplifier	NA
I/O	COM	11*COM(COM1、 COM7-10 Optional Rs 485)
	LPT	N/A
	USB	1*USB3.0 , 5x USB2.0/1.1
Other	Digital IO	4in &4 out
	WatchDog	0~255 seconds programmable
Expansion slot	MiniPCIe	1* full size PCIe with SIM holder
	PCIe & PCI	N/A
Storage Medium	HDD	Supports one SATA 2.5" HDD Bay Compatible with 12.5mm height HDD) (Max rate 300MB/s)
	SSD	1 * MSATA
OS	Microsoft Windows	Windows 7, Windows 7 Embedded, Windows 8
	Linux	Ubuntu
Power	Type	AT/ATX
	Input voltage	12VDC ±10%
	Minimum Input	12V,3A
	Power Adapter	Selective configuration
Power Dissipation	No-load	15Watt
	Full-load	31Watt
Mechanism Parameters	Box structure	Hydronalium outer skin
	Mounting	Desktop mounting , Wall mounting
	Dimensions (L*W*H)	234mm x 150mm x 60mm (9.21" x 5.91" x 2.36")
	NW	1.50KG (3.31lbs)
Environmental	Work Temperature	-20 ~ 60°C (-4°F~140°F) 0 ~ 45°C (32°F~113°F) (Use normal temperature grade mechanical hard disk)
	Storage Temperature	-40 ~ 80°C (-40 ~ 176°F)
	Relative humidity	5~95% (No condensation)
	Shake	SSD applied: 1.5 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis
	Shock	SSD applied: 10 G, IEC 60068-2-64, Half sine wave, Continuous 11ms
	EMC	CE/FCC Class A
	Safety Certification	CCC

Dimensions:



I/O:



Ordering Information:

Product Type	Description
eBOX-3231	J1900 CPU / 2×LAN / 1×HDMI / 1×DVI / 1×USB3.0 / 5×USB2.0 / 5×RS232 / 6×RS232 or Rs485 / AUDIO / DC 12V
eBOX-3231A	J1900 CPU / 2×LAN / 1×HDMI / 1×DVI / 1×USB3.0 / 5×USB2.0 / 5×RS232 / 6×RS232 or Rs485 / AUDIO / 移动 3G / DC 12V
eBOX-3231-2G-SSD16G	J1900 CPU / 2×LAN / 1×HDMI / 1×DVI / 1×USB3.0 / 5×USB2.0 / 5×RS232 / 6×RS232 or Rs485 / DDR3 or DDR3L 2G / mSATA 16G / AUDIO / DC 12V
eBOX-3231A-2G-SSD16G	J1900 CPU / 2×LAN / 1×HDMI / 1×DVI / 1×USB3.0 / 5×USB2.0 / 5×RS232 / 6×RS232 or Rs485 / DDR3 or DDR3L 2G / mSATA 16G / AUDIO / 移动 3G / DC 12V

Fittings of a Machine:

2010300006	KPL-060F
2030100001	PSB-10+ST3 (L=1.8M,0.75×3)
Memory	DDR3L-1333 MHz,, Up to 8GB
Hard disk	Support 2.5 寸 , mSATA Rigid disk