



eBOX-3622

V1.1

Fanless Industrial Computer



Intel® Core™ i3/i5/i7/Celeron
high performance processor,
wall-mounted and fanless mini PC



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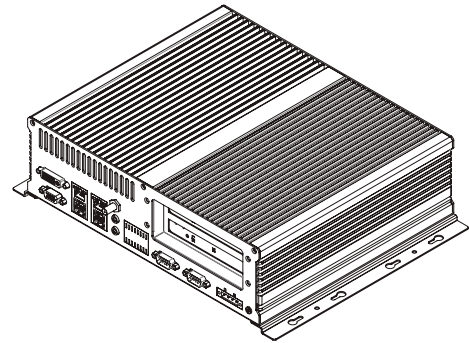
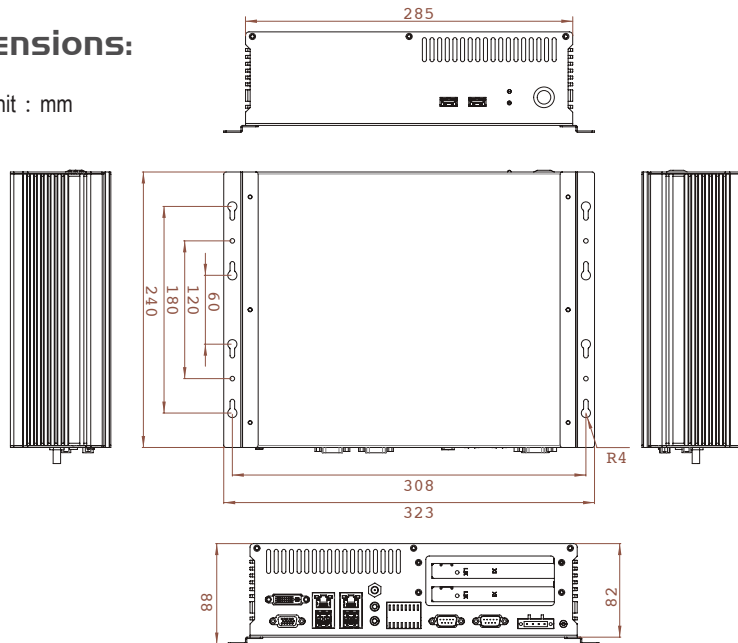
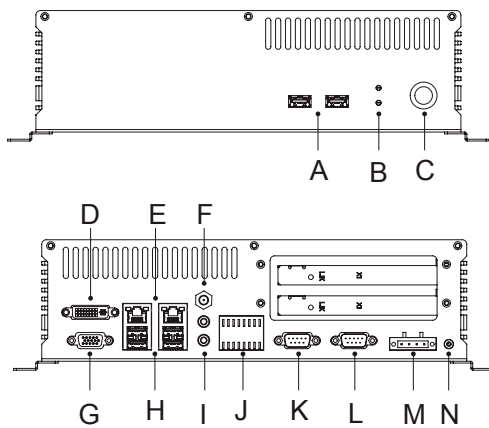


Specifications:

Processor	CPU	Intel® Core™ 2nd / 3rd i7 / i5 / i3 / Pentium / Celeron, LGA1155
	Frequency	1.4GHz~3.3GHz
	L2 Cache	Up to 8MB
	Chipset	Intel B75 Express Chipset
	BIOS	AMI EFI 16Mbit
Memory	Architecture	DDR3-1066 / 1333 / 1600MHz (Only Ivy bridge can fit for 1600MHz)
	Capacity	Up to 16GB
	DIMM	2 x 204-pin SODIMM
Display	Display controller	Intel®HD GT2 3000/4000 Series Display controller, 200MHz~1.2GHz
	Graphics engine	DirectX 11, OpenGL3.1, OpenCL1.1 support; Hardware encoding/decoding: MPEG2/MPEG4; Hardware encoding/decoding: H.264/VC1/MVC
	VGA	Up to 1920 x 1200
	DVI	Support 1920 x 1200
	HDMI	N/A
	Display	Yes, VGA + DVI
LAN	LAN1	Intel 82574 Gbe LAN controller
	LAN2	Intel 82574 Gbe LAN controller
Audio	Port	Realtek ACL662 Audio controller, Line-out, Mic-in.
	Amplifier	N/A
I/O	COM	6 x RS-232 (COM3~COM4 Optional RS-485, PIN9 Optional +5V/+12V/RI)
	LPT	N/A
	USB	4 x USB3.0/2.0/1.1, 2 x USB2.0/1.1
Other	Digital IO	16 x GPIO
	WatchDog	0~255 seconds programmable
Expansion slot	MiniPCIe	1 * full size PCIe with SIM holder
	PCIe & PCI	1 x PCIe x4 slot + 1 x 32bits PCI slot or 2 x 32bits PCI slot
Storage Medium	HDD	1 x 2.5" HDD Bay (Max rate 3Gb/s)
	SSD	1 * mini SATA
OS	Microsoft Windows	Windows XP, Windows XP Embedded, Windows 7, Windows 7 Embedded, Windows 8
	Linux	Ubuntu
Power	Type	AT
	Input voltage	12VDC ±10%
	Minimum Input	12V, 6A
	Power Adapter	AC to DC, DC12V/10A, 120W
Power Dissipation	No-load	27Watt
	Full-load	55Watt
Mechanism Parameters	Box structure	Aluminum-magnesium alloy BOX
	Mounting	Support Desktop and Wall-mounted mounting
	Dimensions (L*W*H)	285mm x 240mm x 82mm (11.22" x 9.45" x 3.23")
	NW	4.22kg (9.30lb)
Environmental	Work Temperature	-20 ~ 60° C (-4 °F ~140 °F) (Wide temperature SSD)
		0 ~ 45° C (32 °F ~113 °F) (General temperature HDD/SSD)
	Storage Temperature	-40 ~ 80° C (-40 ~ 176 °F)
	Relative humidity	5~95% (Non 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, 11ms duration
	EMC	CE/FCC Class A
Safety Certification	CCC	

Dimensions:

Unit : mm

**I/O:****Interface Definition:**

A:USB	H:USB2.0 x 4
B:Power LED & HDD LED	I: Mic-in & Line-out
C:Power Switch	J:COM3~6/Power output/Power Signal
D:DVI	K:COM1
E:LAN1 & LAN2	L:COM2
F:Wifi	M:DC IN 12V
G:VGA	N:Ground Screw

Ordering Information:

Packing List	Description
eBOX-3622LA	LGA1155 CPU/2×SODIMM/2×LAN/4×USB3.0/2×USB2.0/6×COM/VGA/DVI/AUDIO/1xPCI/1×PCIe x4/AC to DC12V
eBOX-3622LAP	LGA1155 CPU/2×SODIMM/2×LAN/4×USB3.0/2×USB2.0/6×COM/VGA/DVI/AUDIO/2xPCI/AC to DC12V
eBOX-3622LS	LGA1155 CPU/2×SODIMM/2×LAN/4xUSB3.0/2×USB2.0/6×COM/VGA/DVI/AUDIO/1xPCI/1×PCIe x4/AC to DC12V
DIO-S8R6A	8-channel optical isolation switch volume input, 6-channel relay output terminal board (optional)

Optional Equipment:

Adapter	Adapter CAD120121 4pin terminal
Power Line	Chinese standard Power Line PSB-10+ST3
Memory	Support DDR3 1600 2 * SO-DIMM Slot, Up to 16 GB Memory Size
Hard Disk	Support 2.5", MSATA
CPU	Support 2nd & 3rd CPU, LGA1155
	Celeron™ Series: G1610
	Core™ Series: I3-3220,I5-3470, I7-3770
-	Manufacturer Certificate
-	Warranty Card
-	Random listing