KXBW-10

Intel Haswell/Broadwell Processors based
Industrial PC with 10COM

Features

- CPU: Intel Haswell/Broadwell Processors
- Memory: Single Channel DDR3L up to 8GB
- Display via: Dual display via 1xHDMI, 1xVGA
- I/O Ports: 2xUSB3.2, 6xUSB2.0. 2xLAN, 10x COM
- Ethernet: 10/100/1000Mbps
- Storage: SATA3.0, mSATA
- Dimension: 250mm x 227.5mm x 72mm
- Power: 12V DC-in

(intel®) IoT Solutions
Alliance
**Industrial Solution
Builders Specialist**

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Introduction

Maxtang's KXBW-10 fanless embedded industrial PC incorporating the Intel® Core™ Haswell/Broadwell processors, supports dual displays via HDMI plus VGA, optimizing easy maintenance in complex industrial environments. The series retains the robust design of all Maxtang product lines, at a new extremely cost-effective price point.

The KXBW-10 supports single-channel DDR3L memory up to 8GB for more powerful computing performance. Along with a versatile I/O array and flexible expansion capacity, it fully satisfies all the needs of industrial automation with the performance demanded by vision inspection, motion control, and surveillance applications. Fanless construction not only overcomes contaminant and noise challenges presented by harsh IA environments, the elimination of problematic structural elements that negatively affect MTBF greatly increases lifecycle expectations for the platform.
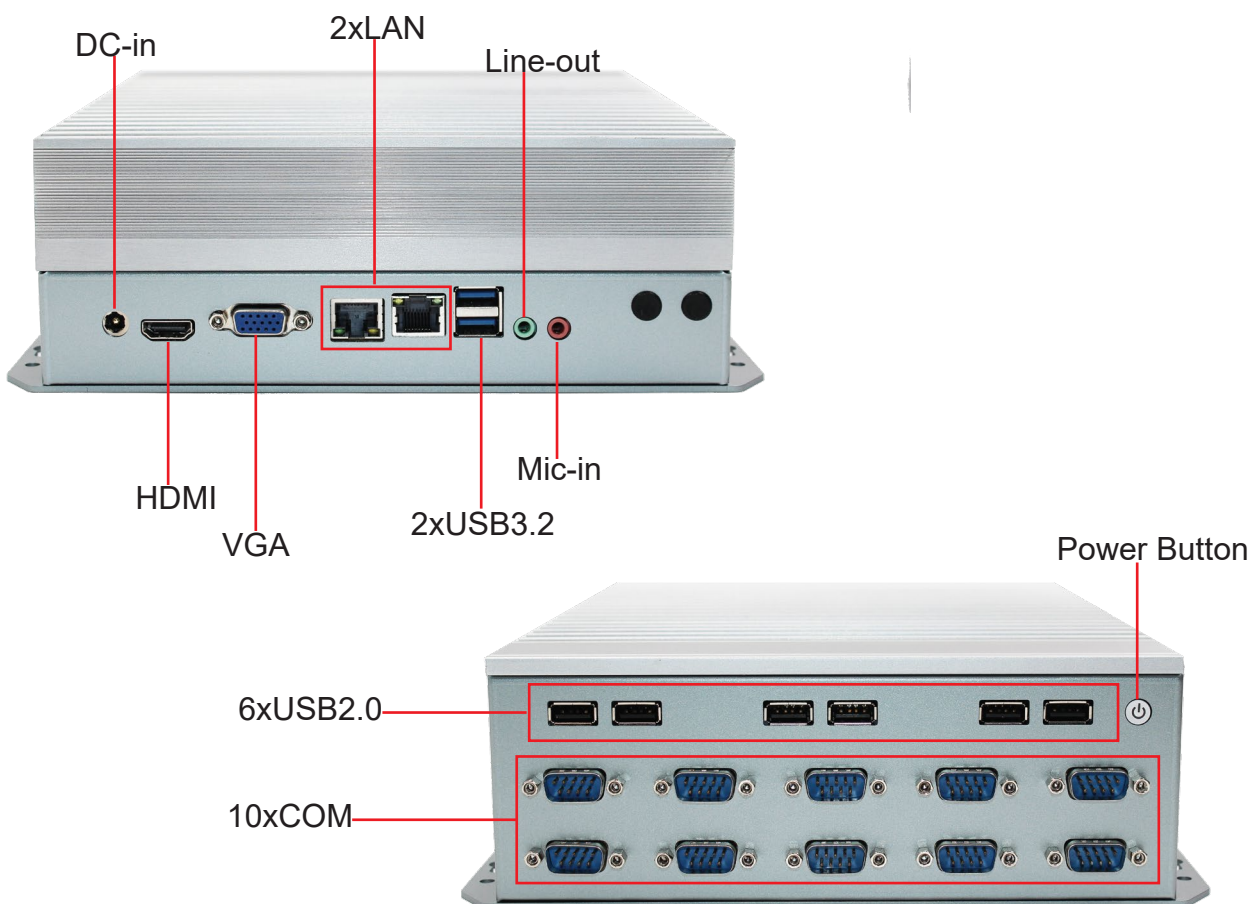
H/W Monitor   Watchdog

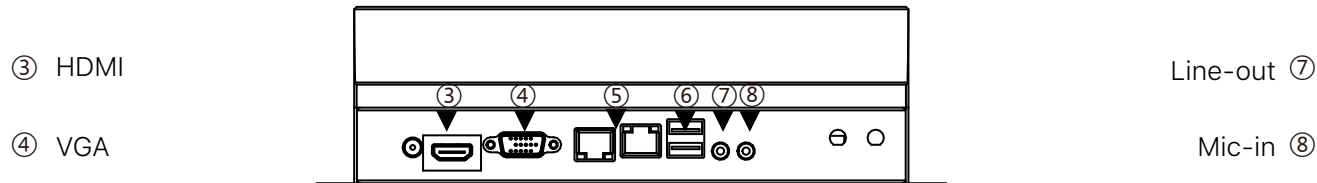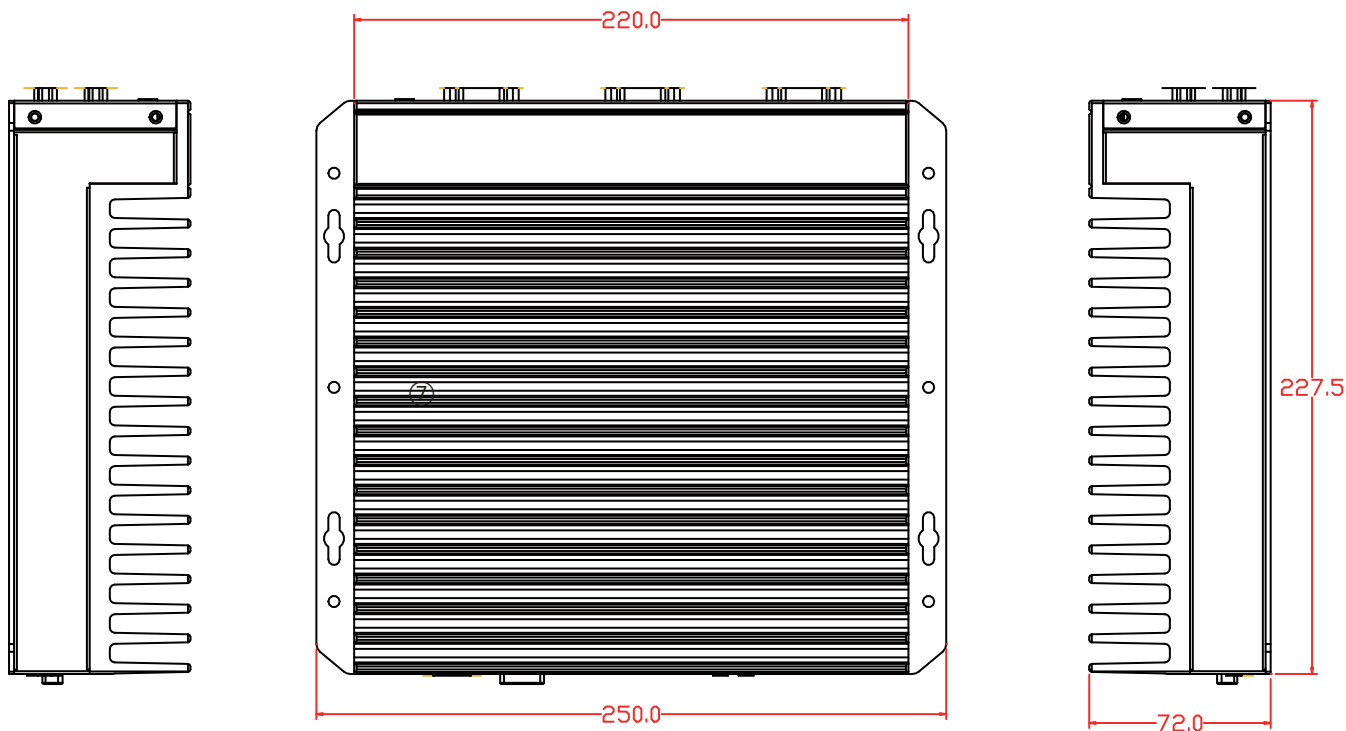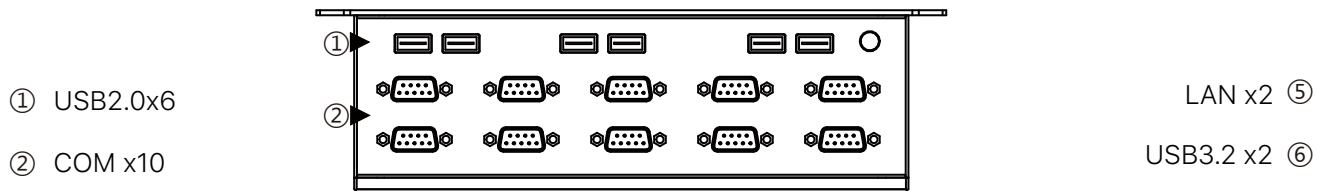GPIO   Brightness

I/O Interfaces

DC-in
2xLAN
Line-out
HDMI
VGA
2xUSB3.2
Mic-in

Power Button
6xUSB2.0
10xCOM

Technical Specifications

Processor	CPU	i5-5257U	i5-5287U	i7-5500U
	Core Frequency	GHz	1.6GHz	2.4GHz
	Max Turbo Frequency	/	2.6GHz	3.0GHz
	Cache	MB	3MB	4MB
	TDP	15W		
Memory	Type	Single Channel SO-DIMM DDR3L		
	Max. Capacity	8 GB		
Display	GPU	Intel HD Graphics based on CPU		
	Display via	HDMI+ VGA		
Ethernet	Speed	10/100/1000 Mbps		
	Controller	Realtek RTL8111H		
	Interface	RJ45		
	Wake on LAN	Yes		
Audio	Audio Codec	Realtek HD		
	Interface	Line-out, mic-in		
Storage	SATA3.0	1		
	mSATA	1		
I/O	LAN	2		
	COM	10x COM (RS232/RS485)		
	USB2.0	6		
	USB3.2	2		
	HDMI	1		
	VGA	1		
Dimension	Size	250 mm x 227.5mm x 72mm		
Power	Standard Port	12V DC-in		
Temperature	Operating Temp.	- 20℃ to 60℃		
	Storage Temp.	- 40℃ to 80℃		
Cooling Method		Passive		
Operating System		Windows 7/10, Linux		

* All specifications and photos are subject to change without notice.

Block Diagram（mm）

① USB2.0x6

② COM x10

LAN x2 ⑤

USB3.2 x2 ⑥

220.0

227.5

72.0

250.0

③ HDMI

④ VGA

Line-out ⑦

Mic-in ⑧

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