IXBW-35

Intel Haswell/Broadwell-U based Embedded Industrial PC

Features

- CPU: Intel Haswell/Broadwell-U processor
- Memory: Single Channel SO-DIMM DDR3L up to 8GB
- Display: Multiple display via HDMI, DP, VGA optional
- Ethernet: 10/100/1000Mbps
- Storage: SATA3.0, mSATA
- Expansion: M.2 for WiFi
- Power: 12V/19V DC input, Phoenix Input Optional

intel prestige partner Builder

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Introduction

The IXBW-35 is a small form factor embedded industrial PC based on Intel Haswell/Broadwell-U Processor. It supports single-channel SO-DIMM DDR3L up to 8GB with a TDP rate of 15W. Multiple displays via HDMI, DP, optional VGA with Intel Integrated Graphic. A rich interface that includes 2xLAN, 6xCOM(or 5xCOM+VGA), 3xUSB3.2, and 5xUSB2.0 caters to most market requirements.

The IXBW-35 is an ideal solution for various applications. It has a low power consumption, great for energy saving. It retains the robust design of all Maxtang product lines with cost advantages. Provides a great user experience, increases productivity with stability and reliability.
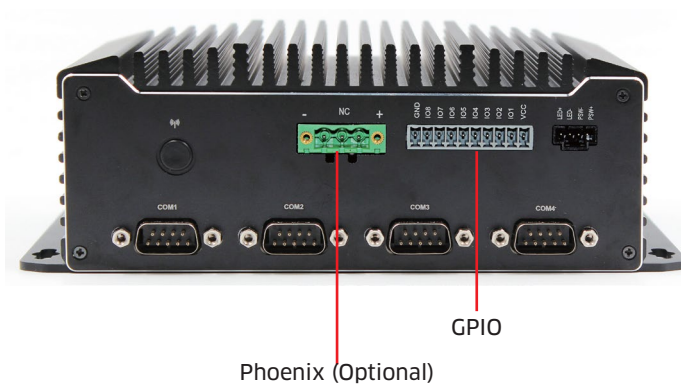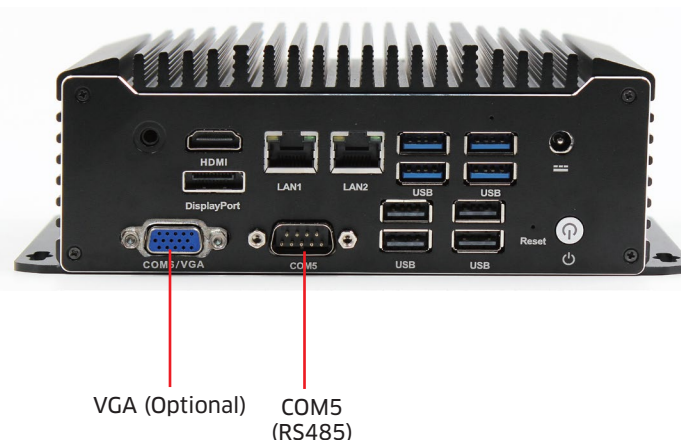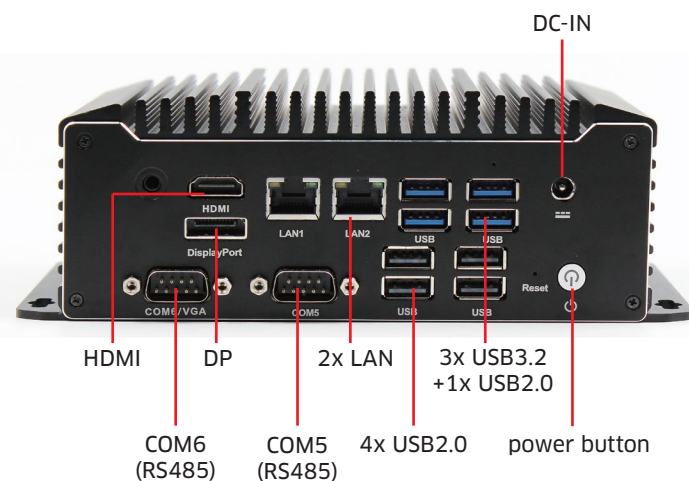
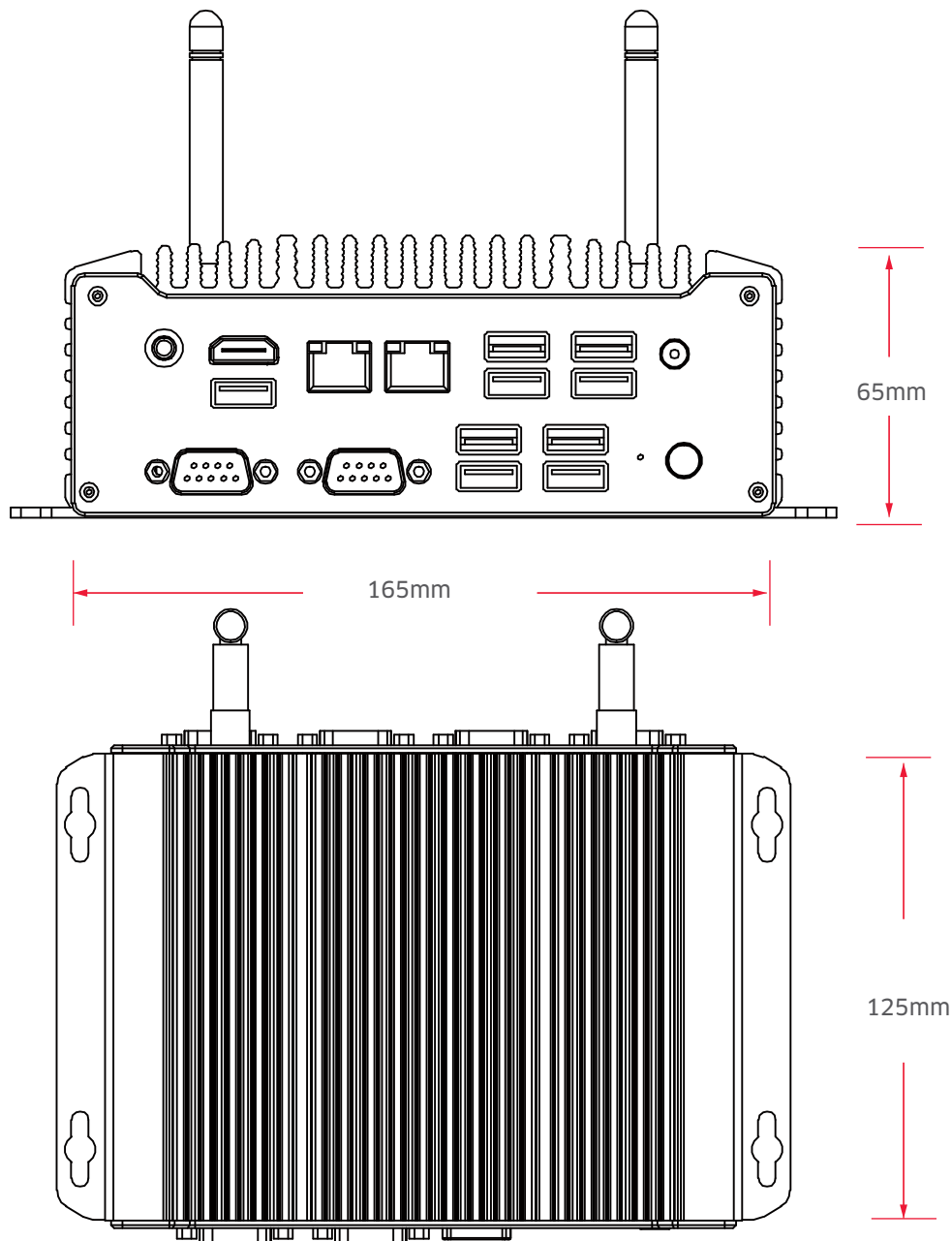H/W Monitor   Watchdog

GPIO   Brightness

I/O Interfaces

DC-IN

HDMI   DP   2x LAN   3x USB3.2 +1x USB2.0

COM6 (RS485)   COM5 (RS485)   4x USB2.0   power button

VGA (Optional)   COM5 (RS485)

COM 1-4 (RS232)

Phoenix (Optional)   GPIO

Technical Specifications

Processor	CPU	i3-5005U	i5-4200U	i5-5200U
	Base frequency	2.0 GHz	1.6 GHz	2.2 GHz
	Max turbo frequency	/	2.6 GHz	2.7 GHz
	Cache	3MB	3MB	3 MB
	TDP	15W		
	BIOS	AMI UEFI BIOS		
Memory	Type	Single Channel SO-DIMM DDR3L		
	Max capacity	8GB		
Display	GPU	Intel Integrated Graphics based on CPU		
	Multiple display	HDMI+ DP +VGA (optional)		
Ethernet	Speed	10/100/1000Mbps		
	Controller	intel i211		
	Interface	2x RJ45		
	Wake on LAN	Yes		
Audio	Audio codec	Realtek HD		
	Interface	2-in-1 Audio port		
Hardware		System temperature, Onboard voltage, Watchdog, Auto power on		
Storage	mSATA	1x mSATA (4G optional)		
	SATA	1x SATA3.0		
Expansion	M.2	1x M.2 for Wi-Fi		
External I/O	COM	2xRS485(or 1xRS485+ VGA) +4xRS232		
	HDMI	1		
	DP	1		
	USB	5x USB2.0 + 3x USB3.2		
	LAN	2		
	Audio	2-in-1 Audio (1x Line-out+1x Mic-in)		
	DC-in	1		
Internal I/O	USB	1x USB KEY Optional (Dongle)		
Dimension	Size	165mm x 125mm x 65mm		
Power	Standard port	12V/19V DC-IN		
	Phoenix port	16-30V Phoenix input optional		
	Peripheral Input	For Fan and SATA		
	LED Indicator	Power indicator		
Temperature	Operating Temp.	-20℃ to 60℃		
	Storage Temp.	-40℃ to 80℃		
Cooling		Passive		
Operating System		Win7/8/10 32/64bit, Linux 32/64 bit		

Dimensions

65mm

165mm

125mm

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