

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



IoT Solutions
Alliance
**Industrial Solution
Builders Specialist**

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

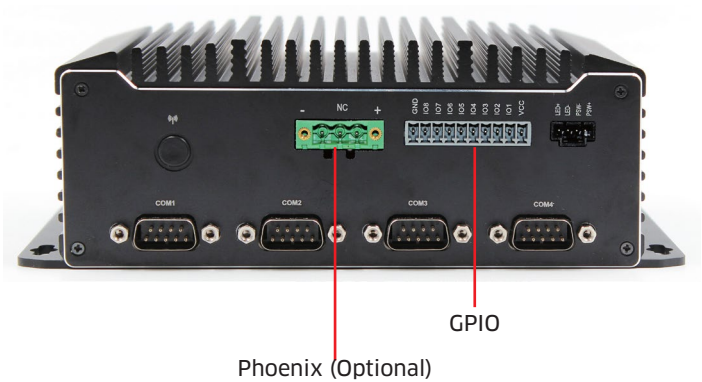
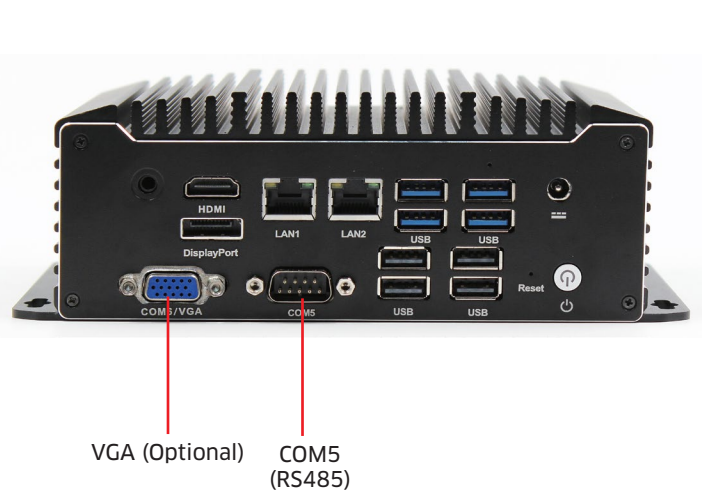
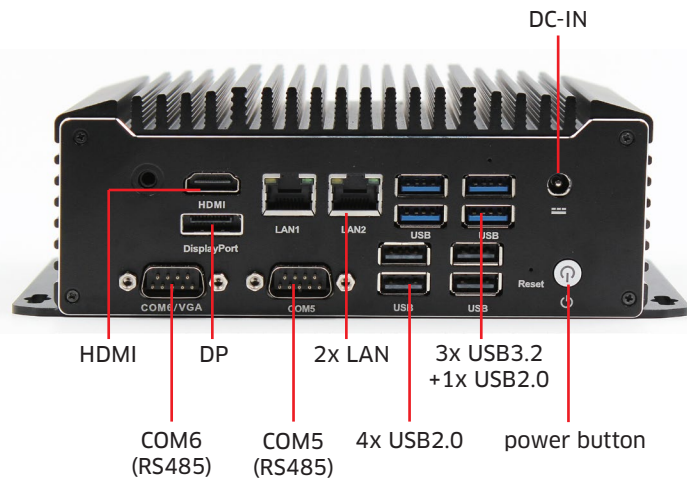


GPIO



Brightness

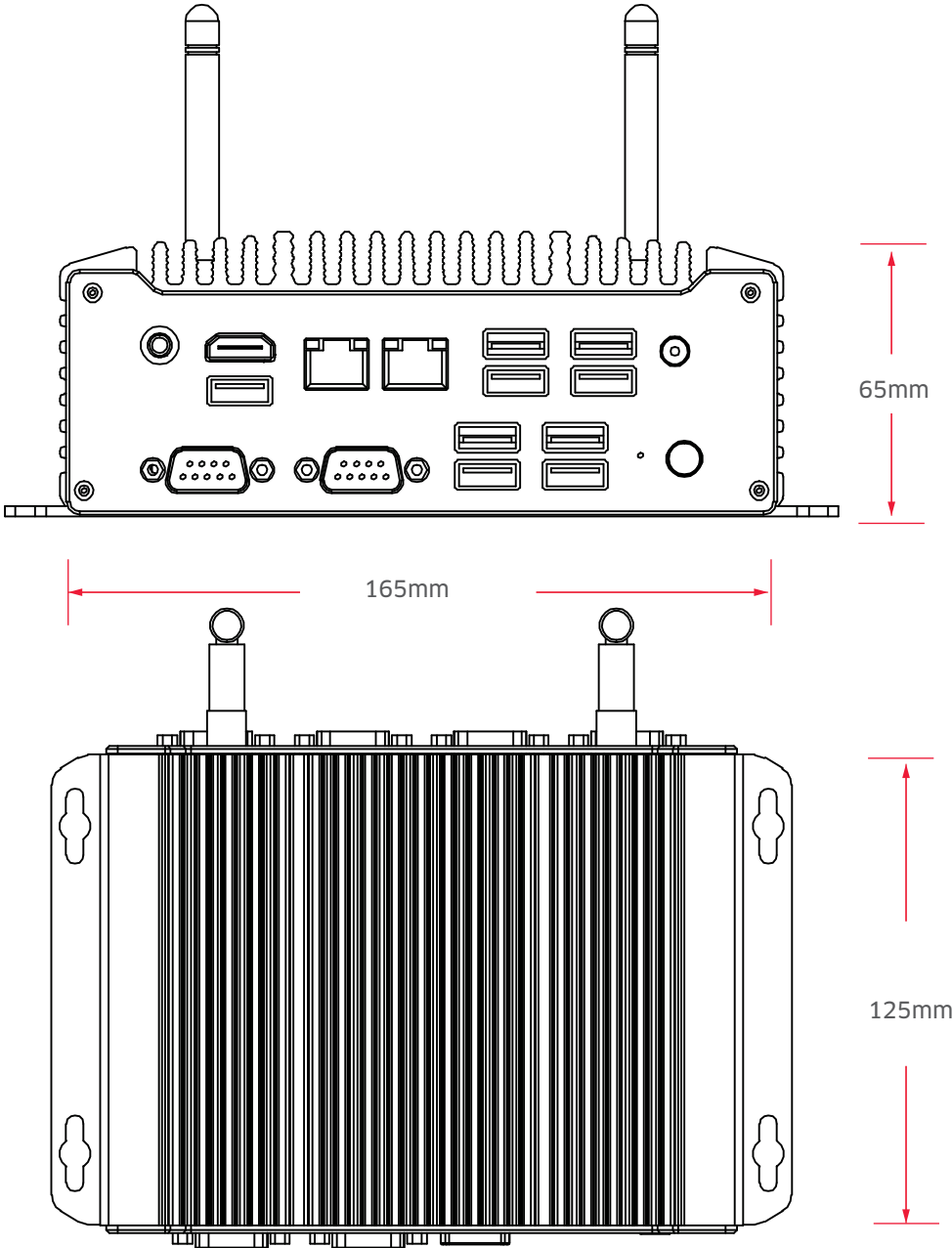
I/O Interfaces



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°C to 60°C			
	Storage Temp.	-40°C to 80°C			
Cooling		Passive			
Operating System		Win7/8/10 32/64bit, Linux 32/64 bit			

Dimensions



Copyright ©2018 Maxtang Technology Co., Ltd. All rights reserved. All data is for information purposes only and not guaranteed for legal purposes. Information has been carefully checked and is believed to be accurate however, no responsibility is assumed for inaccuracies. Maxtang and the Maxtang logo and all other trademarks or registered trademarks are the property of their respective owners and are recognized.