

AXBYT-60

Fanless Intel Bay Trail Celeron Processor Based PC System with 6 COM



Features

- Onboard Intel Bay Trail mobile Celeron J1800 and J1900
- Support single channel DDR3L-1333MHz memory up to 8GB
- HDMI and VGA display, HDMI supports full HD 1080P playback
- Rich I/O ports: 1x USB3.0, 5x USB2.0, 2x LAN, 1x audio, 1x DC jack
- 2x 2.5" SATA + 1x mini PCIe (or 1x SATA + 1x mSATA + 1x mini PCIe)
- Fanless compact design and aluminum enclosure
- 6x COM and COM6 can be changed to RS232/RS485



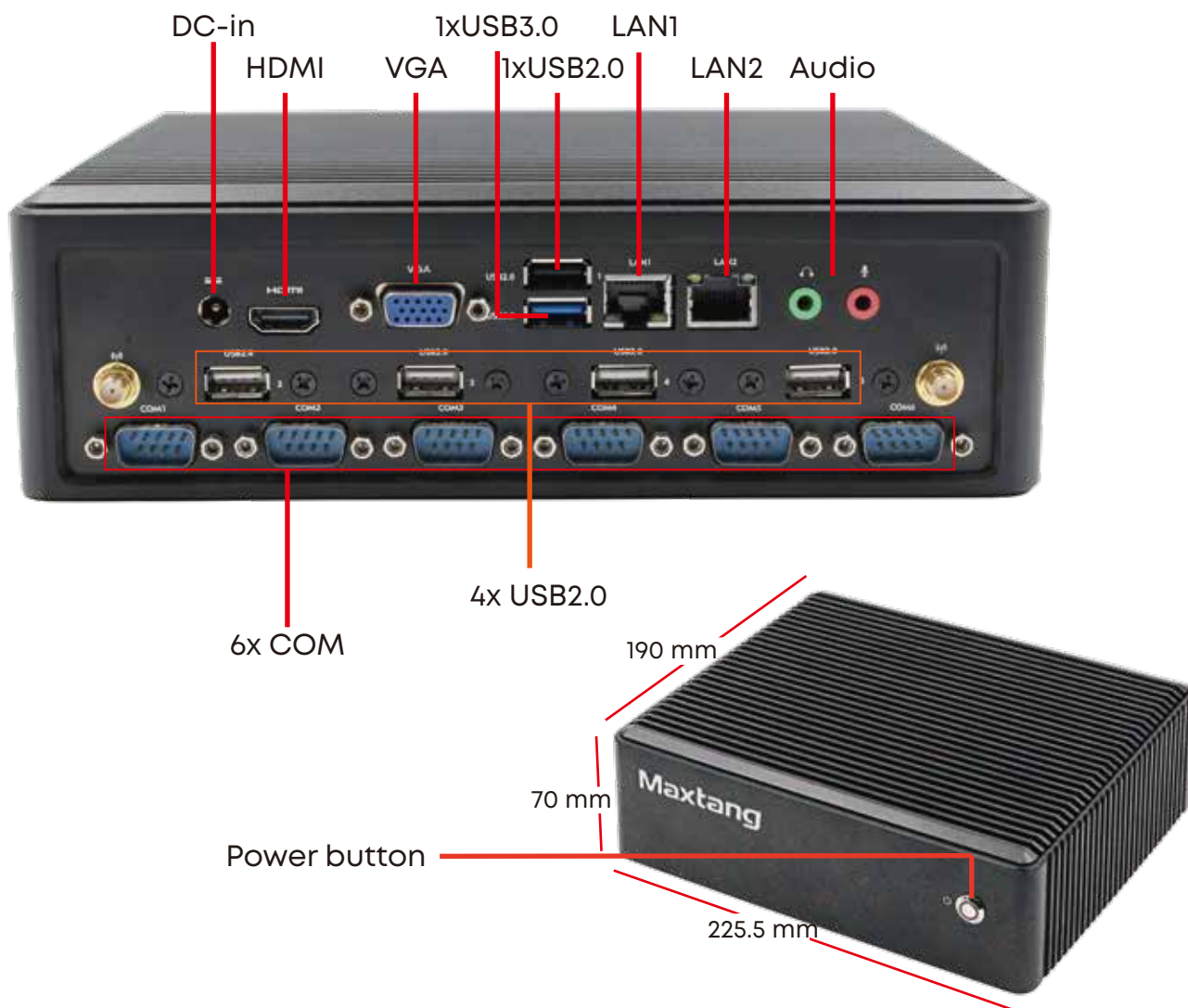
Introduction

The AXBYT-60 is a compact fanless embedded PC system. Based on Intel Bay Trail platform, this system supports Celeron J1900 and Celeron J1800. It supports trio independent display via HDMI, VGA and LVDS interface, and features 1080P high definition video playback. It also supports up to 8 GB of DDR3L @1333MHz in one socket to add higher bandwidth and lower latencies for processes. This system has 6 COM ports, and COM6 can change to RS485, which makes it ideal for applications like communication, data processing and so on.

For storage, it has 2x 2.5" SATA slots, 1x mini PCIe slot which supports Wi-Fi, with 3G module and SIM card for 3G/4G connectivity (or 1x SATA, 1x mSATA and 1x mini PCIe). This system also has 2x LAN (LAN2 can be changed to USB), 1x USB3.0, 5x USB2.0, 1x mic-in, 1x line-out and 1x DC jack. It is designed to be compact and fanless with high strength aluminum enclosure and dust-proof design. These combined features make this embedded system a good choice for a range of applications like industrial automation, network security, and data processing.



I/O Interfaces



Technical Specifications

Processor	CPU	J1800	J1900	
	Burst frequency	2.58 GHz	2.42 GHz	
	Base frequency	2.41 GHz	2.00 GHz	
	Cache	1 MB L2	2 MB L2	
	TDP	10W		
	BIOS	AMI 8Mb UEFI BIOS		
	Memory	Type	1xsingle channel DDR3L @1333MHz	
Max capacity		8 GB		
Display	GPU	Intel® HD Graphics		
	Interface	1x HDMI, 1x VGA		
Ethernet	Speed	10/100/1000 Mbps		
	Controller	RTL8111H		
	Interface	2x RJ-45		
	Wake on LAN	Yes		
Audio	Audio codec	Realtek HD ALC662		
	Interface	Line-out, mic-in, SPDIF and amplifier header		
Hardware	CPU temperature, system temperature, onboard voltage, watchdog			
Storage	SATA	2x SATA2.0		
	mSATA	1 (mSATA and SATA2 cannot work at the same time)		
Expansion	PCIe	1x mini PCIe for Wi-Fi/3G/4G		
External I/O	COM	6x RS232 (COM6 can be changed to RS485)		
	USB	1 x USB3.0 + 5 x USB2.0		
	LAN	2 (LAN 2 can be changed to 2x USB2.0)		
	HDMI	1		
	VGA	1		
	Audio	1 x line-out + 1 x mic-in		
	DC-in	1		
	Dimension	Size	225.5 mm x 190 mm x 70 mm	
		Weight	2 KG	
	Power	Standard port	12V DC-in	
Temperature	Operating Temp.	-20°C to 60°C		
	Storage Temp.	-40°C to 80°C		
Cooling	Passive (Fanless)			
Operating System	Windows 7/10 32/64bit, Linux			
Enclosure Material	Aluminum alloy			

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