DATASHEET

DBYT-50

Intel Bay Trail Processor based Compact Fanless Mini PC

Features

- CPU: Intel Bay Trail Processors
- Memory: Single Channel DDR3L for Memory up to 8GB
- Display: Intel Integrated Graphics, Displays via mini-HDMI, VGA
- I/O Ports: 1xUSB3.2, 4xUSB2.0, 1xLAN, Audio
- Expansion: 1x Mini PCIe for WiFi, 1xSIM, 1xTF
- Storage: mSATA for SSD, eMMC optional
- Power: 19V DC-in

intel prestige partner Builder

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MAXIMIZING YOUR COMPUTING PRODUCTIVITY

Introduction

The Maxtang DBYT-50 is a compact mini PC based on the Intel Bay Trail processors, Celeron N2807, J1800, and J1900, provides excellent performance with greater space-saving. Supports single-channel DDR3L up to 8GB, display via 1x mini-HDMI, 1xVGA. Features with one 10/100/1000 Mbps ethernet controller, mSATA and eMMC for storage, addition mini PCIe for WiFi. A rich I/O interface includes 1x USB3.2, 4xUSB2.0, 1xLAN, 2 in 1 Audio Jack with standard 19V DC-in caters to most markets requirements.

The DBYT-50 is an ideal solution for various applications. It retains the robust design of all Maxtang product lines at a new cost-effective price point. Its powerful features provide you an outstanding visual experience, increase your productivity with stability, reliability. Our goal is to provide the best products with high quality and cost advantages.

Linux™

ubuntu Linux

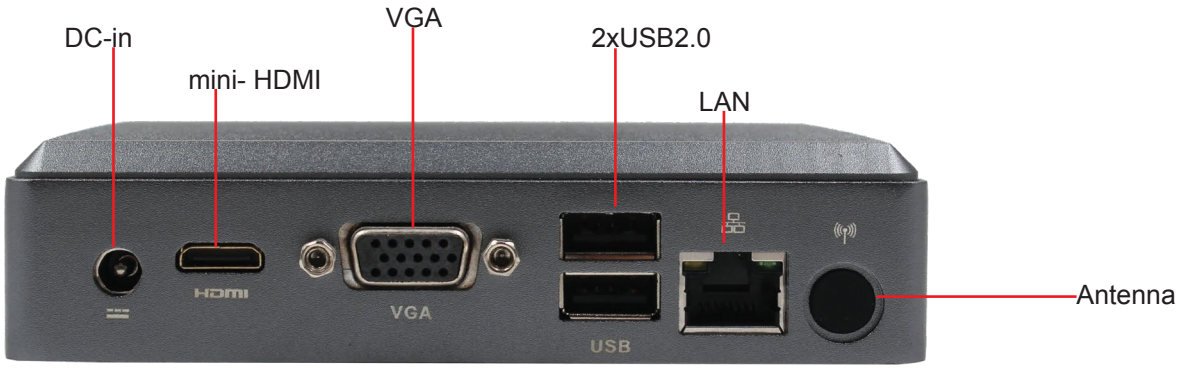
Windows

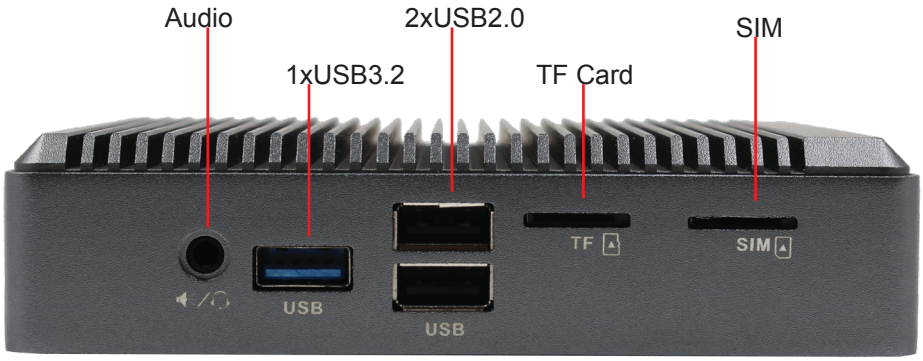
H/W Monitor

Watchdog

HDMI™ HIGH-DEFINITION MULTIMEDIA INTERFACE

I/O Interfaces





Wi-Fi

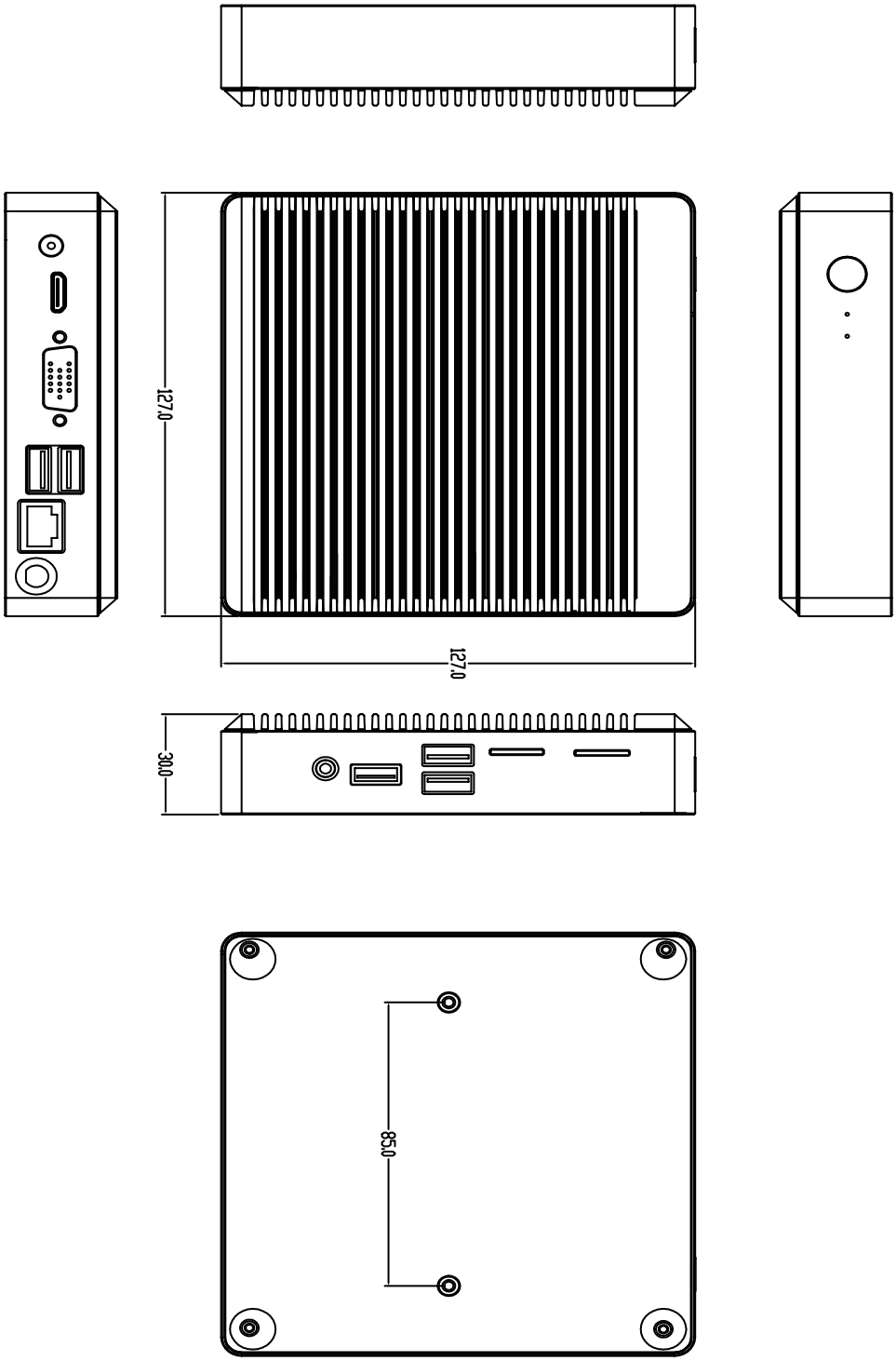
Bluetooth

Technical Specifications

Processor	CPU	N2807	J1800	J1900
	Core Frequency	1.58 GHz	2.41 GHz	2.00 GHz
	Burst Frequency	2.16 GHz	2.58 GHz	2.42 GHz
	Cache	1 MB	1 MB	2 MB
	BIOS	AMI UEFI BIOS		
Memory	Type	Single Channel DDR3L		
	Max Capacity	8GB		
Display	GPU	Intel® HD Graphics for Intel Atom® Processor Z3700 Series		
	Display Port	1x mini-HDMI, 1xVGA		
Ethernet	Speed	10/100/1000 Mbps		
	Controller	RTL8111H		
	Interface	RJ-45		
Audio	Audio Codec	Realtek HD		
	Interface	Line-out+Mic-in in One,Audio header, Amplifier header		
Hardware		CPU temperature, system temperature, onboard voltage, watchdog		
Storage	mSATA	1x mSATA for SSD		
	eMMC	Optional		
Expansion	PCIe	1x Mini-PCIe for Wi-Fi		
I/O Interface	mini-HDMI	1		
	VGA	1		
	USB2.0	4		
	USB3.2	1		
	LAN	1		
	Audio	1x 2in1 Aduio Jack		
	DC-in	1		
Dimension	Size	127 mm x 127 mm x 30mm (L x W x H)		
Power	Standard Port	19V DC-in		
Temperature	Operating Temp.	-20°C to 60°C		
	Storage Temp.	-20°C to 80°C		
Cooling		Passive		
Operating System		Win 7/8/10 64bit, Linux 64bit		

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

Dimension(in mm)



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