BXTL-10

Intel Tiger Lake-U Processor based Fanless Embedded PC with 4 HDMI

Features

- CPU: Intel Tiger Lake-U Processors
- Memory: Dual Channel SO-DIMM DDR4 UP to 64 GB
- Display: Intel® UHD or Iris® Xe Graphics via 4xHDMI2.0
- Ethernet: 10/100/1000 Mbps
- Storage: SATA, M.2 for SSD(NVMe)
- Expansion: M.2 For WiFi, M.2 for 4G/5G
- Power: 12V/19V DC input

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Introduction

The BXTL-10 is a compact, fanless, embedded industrial PC powered by the 11th Gen Intel Core i7/i5/i3 and Celeron processor, designed for performance-demanding applications with solid protection. It provides an immersive visual experience with Intel Iris Xe or UHD Graphics through 4x HDMI2.0. It supports dual-channel SO-DIMM DDR4 up to 64GB, two RJ45 1-Gigabit Ethernet controllers, and M.2, SATA3.0 for storage. A comprehensive input/output interface includes 4xUSB2.0, 2xUSB3.2, Mic-in+ Line-out with standard DC-in, which caters to most market's requirements.

As an ideal solution for multiple displays uses, it is excellent for electronic gaming machines or digital signage. This product retains the robust design of all Maxtang product lines at a new cost-effective price point. The powerful features can provide a great user experience with increased productivity, stability, and reliability.
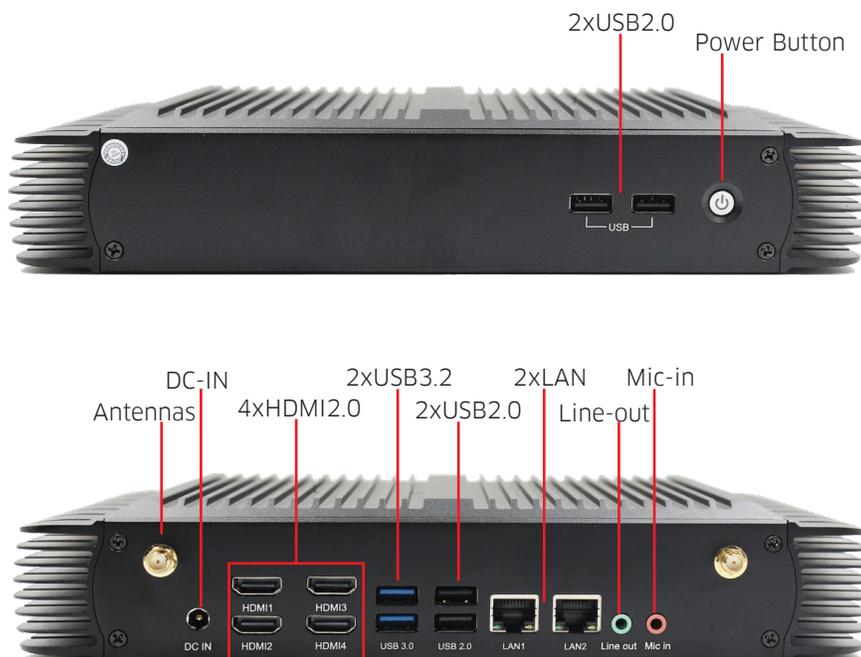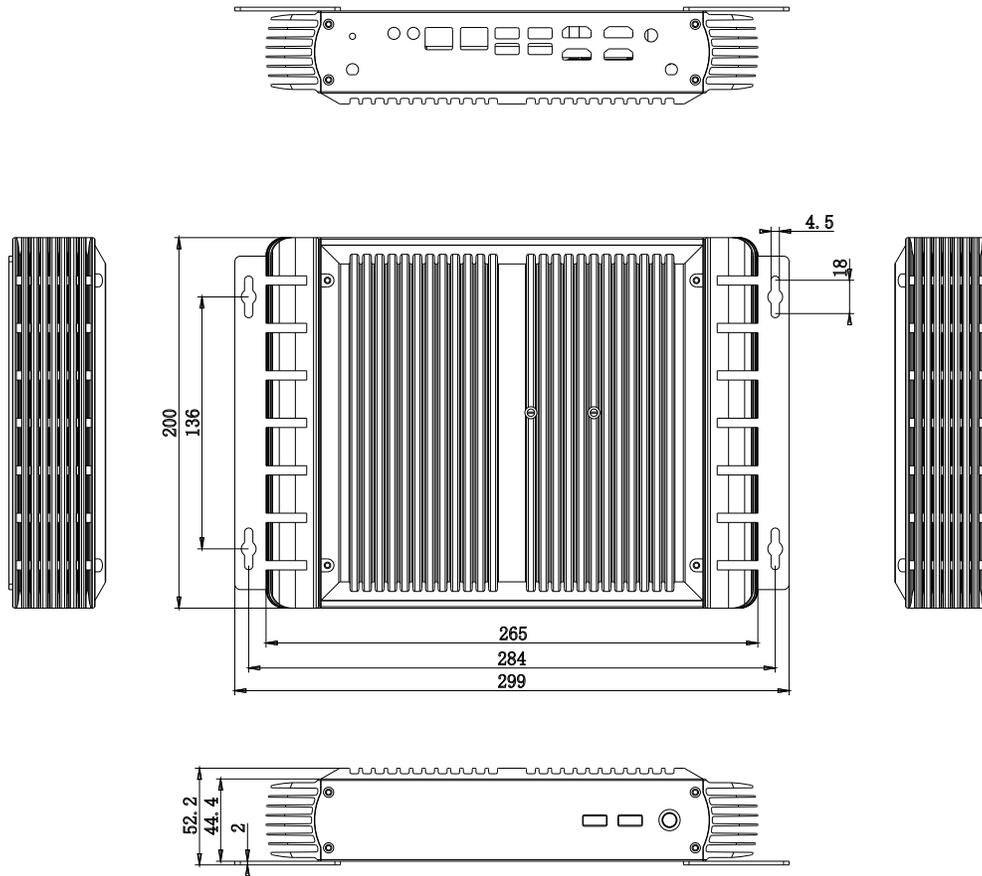
H/W Monitor   Watchdog

HIGH-DEFINITION MULTIMEDIA INTERFACE

I/O Interfaces

2xUSB2.0   Power Button

DC-IN   2xUSB3.2   2xLAN   Mic-in
Antennas   4xHDMI2.0   2xUSB2.0   Line-out

HDMI1 HDMI3
HDMI2 HDMI4
DC IN   USB 3.0   USB 2.0   LAN1   LAN2   Line out   Mic in

Technical Specifications

Processor	CPU	Celeron-6305	i3-1115G4	i5-1135G7	i7-1165G7
	Core Frequency	1.8 GHz	/	/	/
	Turbo Frequency	/	4.1GHz	4.2GHz	4.7GHz
	Cache	4MB	6MB	8MB	12MB
	BIOS	AMI SPI BIOS			
Memory	Type	Dual Channel SO-DIMM DDR4			
	Max Capacity	64 GB			
Display	GPU	Integrated Intel° UHD or Iris° Xe Graphics			
	Display via	4x HDMI 2.0, 4K Resolution HD Display			
Ethernet	Speed	10/100/1000 Mbps			
	Controller	2x Intel i210			
	Interface	2x RJ45			
Audio	Audio Codec	Realtek HD			
	Interface	1xMic-in, 1xLine-out, Supports audio header and amplifier header			
Hardware		CPU System temperature, onboard voltage, watchdog			
Storage	M.2	1x M.2_2280 for NVMe SSD			
	SATA3.0	1			
Expansion	M.2	1x M.2 for 4G/5G			
	M.2	1x M.2 for WiFi			
I/O Interface	USB 2.0	4			
	USB 3.2	2			
	DC-in	1			
	Antennas	2			
	Power Button	1			
Dimension	Size	299mm x 200mm x 52.2mm			
	Type	Embedded PC			
Power	Standard Port	12V/19 V DC-in			
Temperature	Operating Temp.	-20°C to 60°C			
	Storage Temp.	-40°C to 80°C			
Cooling Method		Passive			
Operating System		Windows 10/11 64 bit, Linux 64 bit			

Dimension(in mm)

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