DATASHEET

GXTL-50

Intel Tiger Lake Processor based Compact Mini PC with Dual Displays

Features

- CPU: Intel Tiger Lake Processors
- Memory: Dual Channel DDR4 for Memory up to 64GB
- Display: Intel Integrated Graphics, Dual Displays via HDMI2.0
- I/O Ports: 2xUSB3.2, 2xUSB2.0, 1xLAN, 2xHDMI, Type-C, Line-out, Mic-in,
- Expansion: M.2 for WiFi and Buletooth
- Storage: SATA3.0, M.2 for 2280 SSD NVMe
- Power: 12V/19V DC-in

intel IoT Solutions Alliance
Industrial Solution Builders Specialist

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MAXIMIZING YOUR COMPUTING PRODUCTIVITY

Introduction

The Maxtang GXTL-50 is a compact mini PC based on the Intel Tiger Lake processors, Celeron6305, i3-1115G4, i5-1145G7, and i7-1165G7, provides excellent performance with greater space-saving. Supports dual-channel SO-DIMM DDR4 up to 64GB, dual display via Intel Iris Xe Graphics through 2xHDMI. Features with one 10/100/1000 Mbps ethernet controller, SATA3.0 and M.2 for storage, addition M.2 for WiFi and Bluetooth for expansion. A rich I/O interface includes 2x USB3.2, 2xUSB2.0, 1xLAN, 1xType-C, Mic-in, and Line-out with standard 12V/19V DC-in caters to most markets requirements.

The GXTL-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

Windows

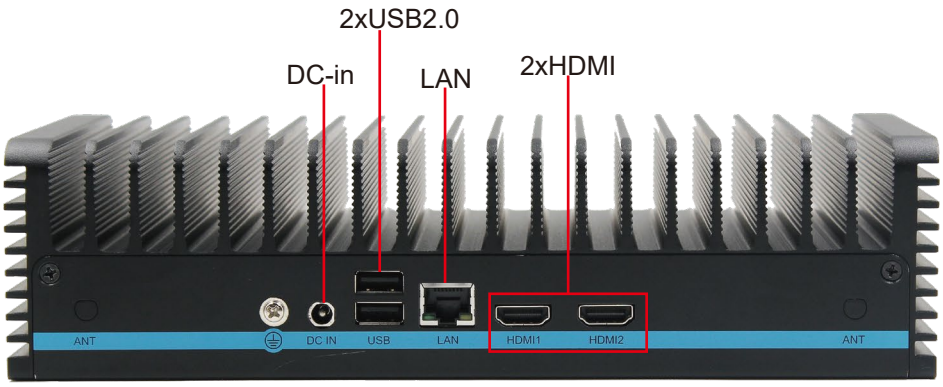
H/W Monitor

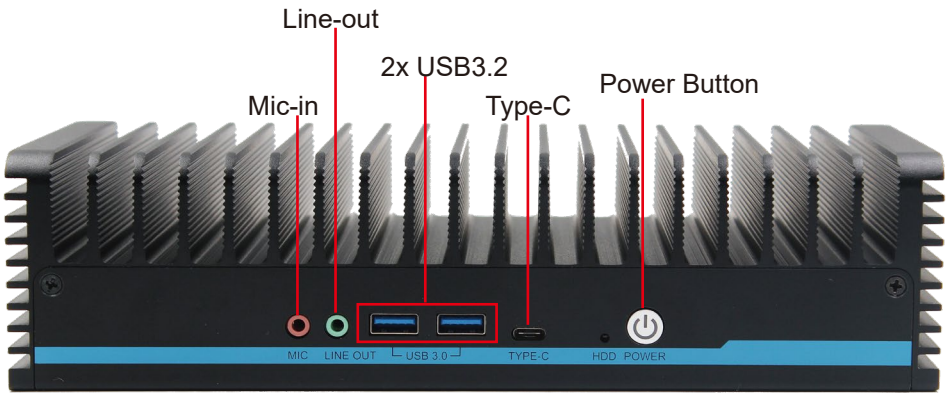
Watchdog

GPIO

Brightness

I/O Interfaces





Wi-Fi

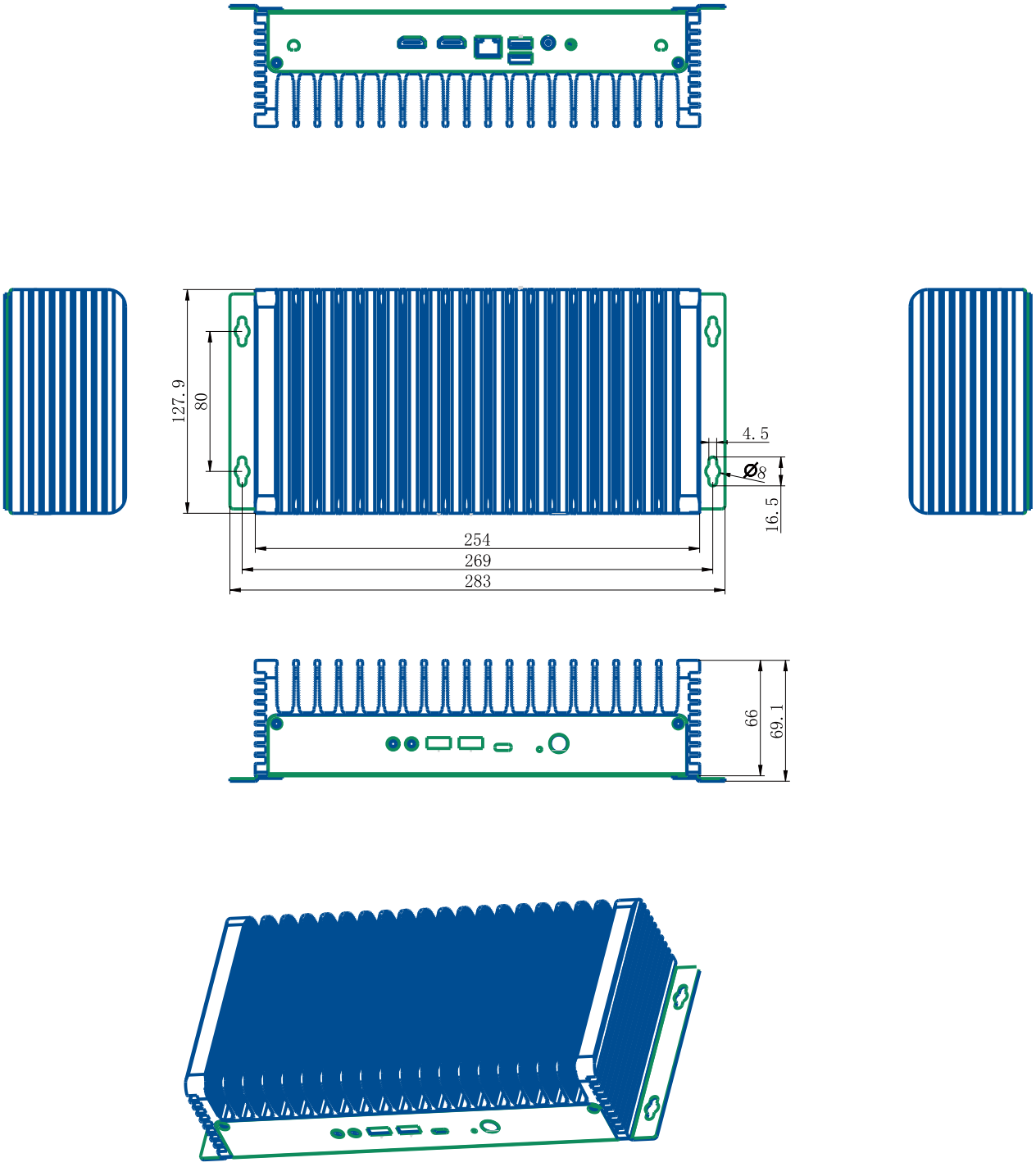
Bluetooth

Technical Specifications

Processor	CPU	Celeron 6305	i3-1115G4	i5-1145G7	i7-1165G7
	Turbo Frequency	/	4.1 GHz	4.4 GHz	4.7 GHz
	Core Frequency	1.8 GHz	3.0 GHz	2.6 GHz	2.8 GHz
	Cache	4 MB	6 MB	8 MB	12 MB
	BIOS	AMI UEFI BIOS			
Memory	Type	Dual Channel SO-DIMM DDR4			
	Max Capacity	64GB			
Display	GPU	Intel Integrated Graphics (Iris Xe/UHD Graphics depends on CPU)			
	Display Port	2x HDMI 2.0			
Ethernet	Speed	10/100/1000 Mbps			
	Controller	RTL8111H			
	Interface	RJ-45			
Audio	Audio Codec	Realtek HD			
	Interface	Line-out, Mic-in, Audio header, Amplifier header			
Hardware		CPU temperature, system temperature, onboard voltage, watchdog			
Storage	M.2	1xM.2 for NVMe 2280 SSD			
	SATA3.0	1			
Expansion	M.2	1xM.2 for WiFi and Bluetooth			
I/O Interface	HDMI	2			
	USB2.0	2			
	USB3.2	2			
	LAN	1			
	Audio	1 x Line-out + 1 x Mic-in			
	DC-in	1			
	Type-C	1			
Dimension	Size	283 mm x 127.9 mm x 69.1mm (L x W x H)			
Power	Standard Port	12V/19V DC-in			
Temperature	Operating Temp.	0°C to 50°C			
	Storage Temp.	-20°C to 70°C			
Cooling		Passive			
Operating System		Win10 64bit, Linux 64bit			

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

Dimension



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