DATASHEET

FXTL-10

Intel Tiger Lake-U Processor based Mini PC with 4HDMI



Features

- CPU: Intel Tiger Lake-U Processors
- Memory: Dual Channel SO-DIMM DDR4 for Memory up to 64GB
- Display: Intel Iris Xe/UHD Graphics, Displays via 4xHDMI
- I/O Ports: 2xLAN,1xCOM, 2xUSB3.2, 4xUSB2.0
- Expansion: 1x M.2 for WiFi, 1x M.2 for 4G/5G, 1x PCIe2X
- Storage: 1xM.2 for NVMe SSD, SATA3.0
- Power: 12V DC-in

intel prestige partner Builder

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Introduction

The Maxtang FXTL-10 is an embedded mini-PC based on the Intel Tiger Lake-U processor, provides a complete PC platform with powerful performance. Its memory has dual-channel SO-DIMM DDR4 up to 64GB, display via 4x HDMI2.0 with Intel Iris Xe or UHD Graphics. Features two 1-Gigabit Ethernet controllers and 3x M.2 for SSD modules, Wi-Fi, and 4G/5G. A rich input/output interface includes 2x LAN, 1x COM, 6x USB, 2 x Audio Ports (Mic-in+ Line-out) with standard 12V DC-in, caters to most market's requirements.

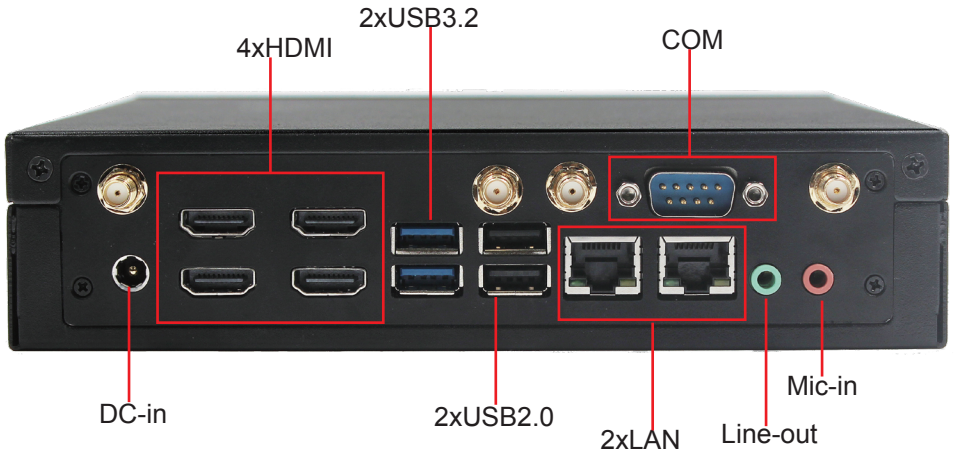
The FXTL-10 is an ideal solution for various applications, examples like high-speed communication, front-end mini-server. Great for high-resolution display products like electronic gaming machines, etc. Maxtang is a member of the Intel IoT Solutions Alliance on Industrial Solution Builders Specialist. This product retains the robust design of all Maxtang product lines at a new cost-effective price point. Its powerful features can provide a great user experience, increase productivity with stability, reliability.

Linux
ubuntu
Linux
Windows

H/W Monitor
Watchdog
GPIO
Brightness

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

I/O Interfaces



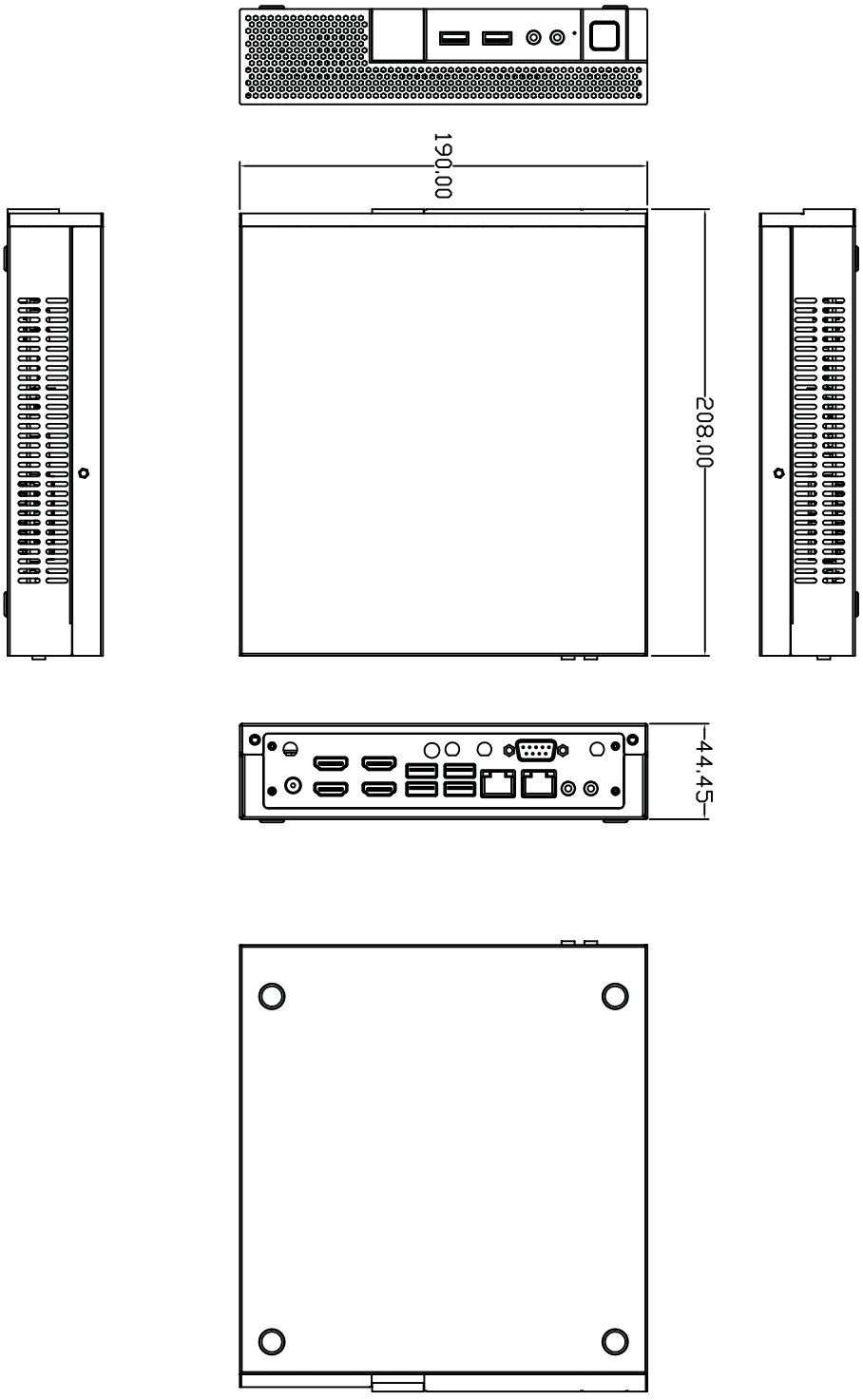


Technical Specifications

Processor	CPU	Celeron-6305	i3-1115G4	i5-1135G7	i5-1145G7	i5-11320H	i7-1165G7
	Base Frequency	1.80GHz	3.00GHz	2.40GHz	2.60GHz	2.50GHz	2.80GHz
	Max Turbo Frequency	/	4.10GHz	4.20GHz	4.40GHz	4.50GHz	4.70GHz
	Cache	4MB	6MB	8MB	8MB	8MB	12MB
	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	HDMI2.0					
Ethernet	Speed	10/100/1000 Mbps					
	Controller	intel i211					
	Interface	RJ-45					
Audio	Audio Codec	Realtek HD					
	Interface	Line-out+Mic-in, supports audio header and amplifier header					
Hardware		CPU temperature, system temperature, onboard voltage, watchdog					
Storage	M.2	1x M.2 for NVMe SSD					
	SATA3.0	1x SATA3.0					
Expansion	M.2	1x M.2 for Wi-Fi					
		1x M.2 for 4G/5G					
	PCIe	1x PCIe2X					
I/O Interface	HDMI2.0	4					
	USB2.0	4					
	USB3.2	2					
	LAN	2					
	COM	1xCOM: 1*RS232 default RS485/RS422 optional by jumper					
	Line-out	2					
	Mic-in	2					
Dimension	Size	208 mm x 190 mm x 45mm (L x W x H)					
Power	Standard Port	12V DC-in					
Temperature	Operating Temp.	-20°C to 60°C					
	Storage Temp.	-40°C to 80°C					
Cooling		Active					
Operating System		Win 10/11 64bit, Linux 64bit					

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

Dimension(in mm)



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