DATASHEET

MTN-FP750

AMD Ryzen™ 6000/7000 Series Mobile Processors with Radeon™ Graphics based Ultra-Compact Mini PC

Features

- CPU: AMD Ryzen™ 6000/7000 Series Mobile Processors
- Memory: Dual Channel DDR5 for Memory up to 64GB
- Display: AMD Radeon™ Graphics, Displays via 2xHDMI2.0 and DisplayPort1.4(USB-C)
- I/O Ports: 3xUSB3.2, 1xUSB2.0, 1xLAN(2.5GbE), USB-C, Audio
- Expansion: M.2 for WiFi and Bluetooth
- Storage: SATA(FPC), M.2 for 2280 NVMe SSD
- Power: 19V/20V DC-in

Maxtang®

MAXIMIZING YOUR COMPUTING PRODUCTIVITY

Introduction

The Maxtang MTN-FP750 is an ultra-compact mini-PC that is equipped with AMD Ryzen™ 6000/7000 Series mobile processors for excellent performance while great on saving space. It supports dual-channel SO-DIMM DDR5 memory up to 64GB and offers dual display capabilities through Radeon™ Graphics using 2xHDMI2.0. The MTN-FP750 has a 10/100/1000/2500 Mbps ethernet controller, SATA and M.2 for storage, and an additional M.2 for Wi-Fi & Bluetooth. Its rich I/O interface includes 3x USB3.2, 1x USB2.0, 1x LAN(2.5GbE), 1x USB-C, and a 2 in 1 CTIA Audio Jack.

It has low power consumption despite its powerful features. The MTN-FP750 provides an immersive visual experience, increased productivity, stability, and reliability, making it perfect for multitasking, creating, playing, working, educating, and entertaining. It is ideal for a wide range of applications, including office, retail, digital signage, and hospitals, due to its flexible and comprehensive solutions. Its diminutive size takes up minimal desk space and makes it ideal for applications where traditional PCs are unsuitable.

Linux™

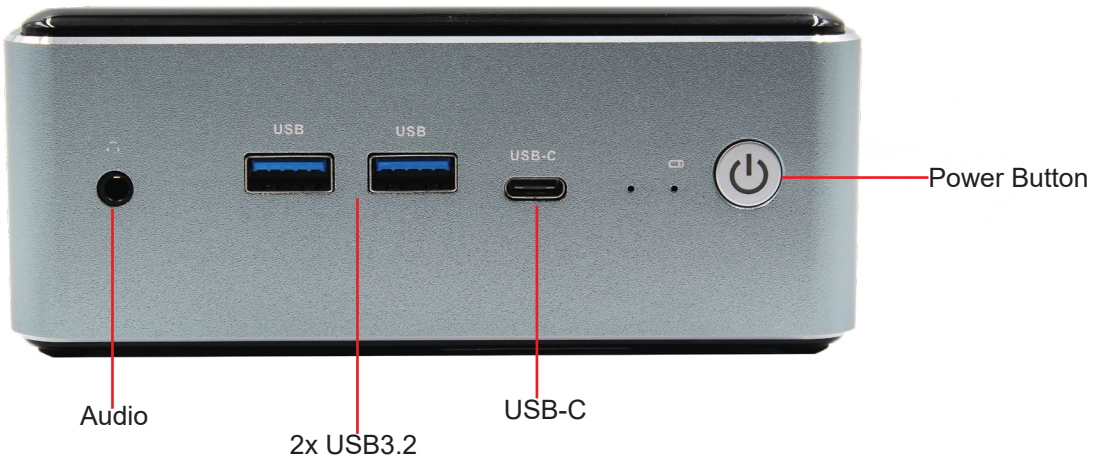
ubuntu Linux

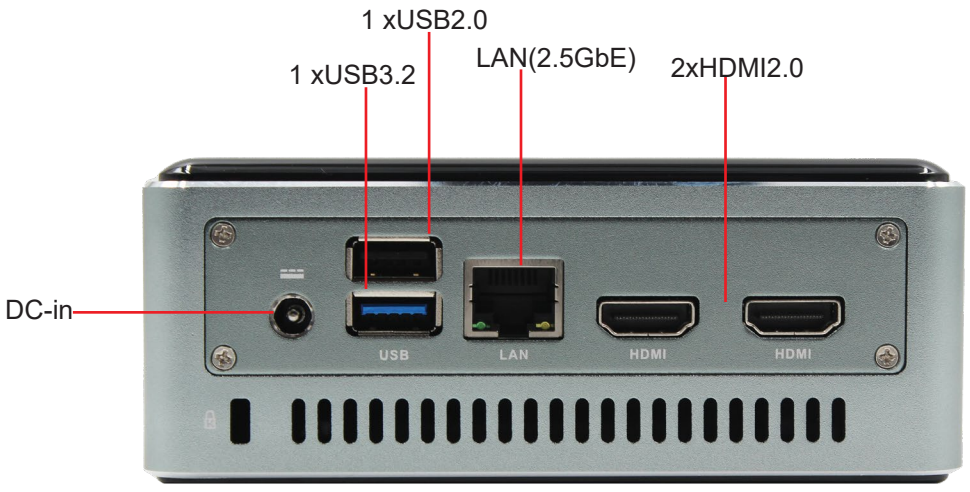
Windows

H/W Monitor

Watchdog

I/O Interfaces





Wi-Fi

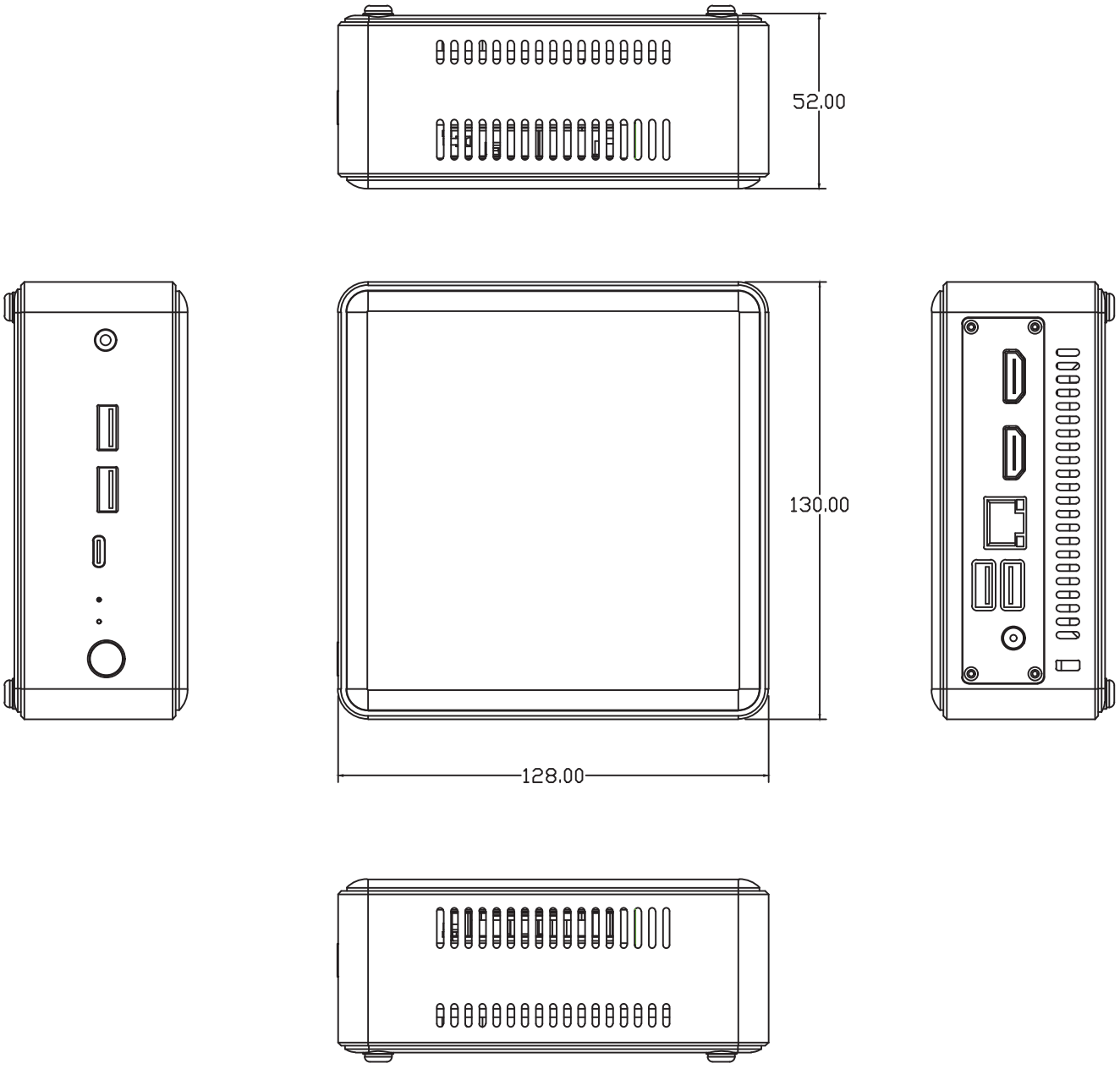
Bluetooth

Technical Specifications

Processor	AMD Ryzen™	Ryzen™ 7 7735HS	Ryzen™ 5 6600H
	# of CPU Cores	8	6
	# of Threads	16	12
	Max. Boost Clock	4.75GHz	4.5GHz
	Base Clock	3.2GHz	3.3GHz
	L1 Cache	512KB	384KB
	L2 Cache	4MB	3MB
	L3 Cache	16MB	16MB
Display Graphics	AMD Radeon™	680M	660M
	Display via	2xHDMI2.0 plus DisplayPort 1.4 through USB-C	
	BIOS	AMI UEFI BIOS	
Memory	Type	Dual Channel SO-DIMM DDR5	
	Max Capacity	64GB	
Ethernet	Speed	10/100/1000/2500 Mbps	
	Controller	RTL8125BG	
	Interface	1xRJ-45	
Audio	Audio Codec	Realtek HD	
	Interface	1xCTIA 2in1 Audio Jack, Supports Line-out+Mic-in	
Hardware		CPU temperature, System temperature, Onboard voltage, Watchdog	
Storage	M.2	1xM.2 for 2280 NVMe SSD	
	SATA	1x FPC SATA interface	
Expansion	M.2	1xM.2 for WiFi, Support PCIe&USB	
Other I/O	USB2.0	1	
	USB3.2	3	
	USB-C	1xUSB-C	
		Support USB 3.2 Gen 2 upstream/DisplayPort 1.4 Alt Mode	
	Wired Control	Optional	
	TPM	Optional	
Dimension	Size	128 mm x 130 mm x 52mm (L x W x H)	
Power	Standard Port	19V/20V DC-in	
Temperature	Operating Temp.	0°C to 50°C	
	Storage Temp.	-20°C to 70°C	
Cooling		Active	
Operating System		Supports Windows 10/11 64bit, Linux 64bit	

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

Dimension



Copyright ©2023 Maxtang Technology Co. Ltd. All rights reserved. All data is for information purposes only and not guaranteed for legal purposes. Information has been carefully checked and is believed to be accurate however, no responsibility is assumed for inaccuracies. Maxtang and the Maxtang logo and all other trademarks or registered trademarks are the property of their respective owners and are recognized.

Maxtang®
MAXIMIZING YOUR COMPUTING PRODUCTIVITY

SHENZHEN MAXTANG COMPUTER CO. LTD.
6/F, Bldg 3, Honghui Indl Park, Liuxian 2nd Road, Bao'an Dist, Shenzhen, China 518101
Tel.: +86 755 86143003 I Fax: +86 755 86143003 I sales@datangpc.com

www.maxtangpc.com