

MTN-FP650 V1.0

Powered by the AMD Ryzen™ 4000/5000 Series Mobile Processor with Radeon™ Graphics



Features

- CPU: AMD Ryzen™ Mobile Processors 4000/5000 Series
- Memory: Dual Channel DDR4 for Memory up to 64GB
- Display: AMD Radeon™ Graphics, Displays via 2xHDMI2.0
- I/O Ports: 2xUSB3.2, 2xUSB2.0, 1xLAN, USB-C Gen2, Line-out, Mic-in,
- Expansion: M.2 for WiFi and Bluetooth
- Storage: SATA3.0, M.2 for NVMe/SATA SSD
- Power: 12V/19V DC-in



Introduction

The Maxtang MTN-FP650 is AMD Ryzen™ 4000/5000 Series mobile processors based compact mini-PC. It can provide you with excellent performance, greater space-saving. Supports dual-channel SO-DIMM DDR4 up to 64GB, dual display via Radeon™ Graphics through 2xHDMI2.0. Features with one 10/100/1000 Mbps ethernet controller, SATA3.0 and M.2 for storage, additional M.2 for Wi-Fi & Bluetooth. A rich I/O interface includes 2x USB3.2, 2xUSB2.0, 1xLAN, 1x USB-C, Mic-in, and Line-out with standard 12V/19V DC-in caters to most market requirements.

The MTN-FP650 is small, mighty with low power consumption at a TDP rate of 15W. Powerful features offer you an immersive visual experience, increased productivity with stability, reliability. Great for multitasking, perfect for creating, play, work, educate, and entertain. It provides flexible, comprehensive solutions for a wide range of office, retail, digital signage, and hospital applications. Its diminutive size takes up minimal space on a desk and makes it suited for applications where traditional PCs won't fit.

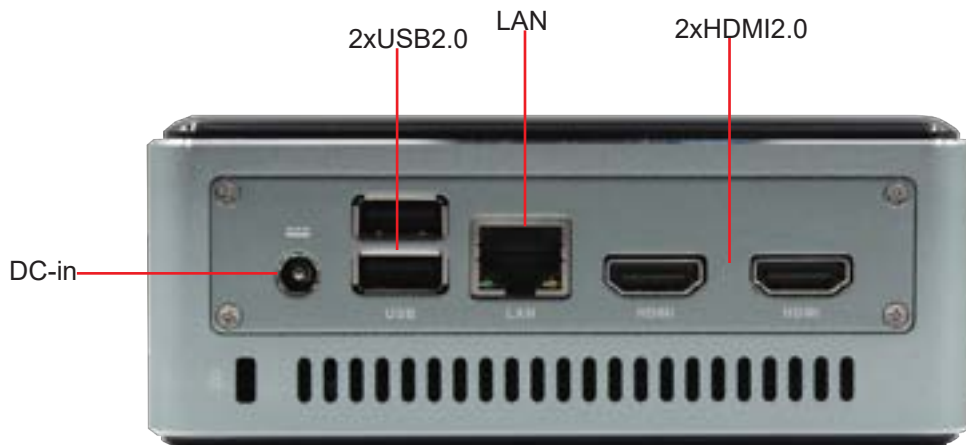
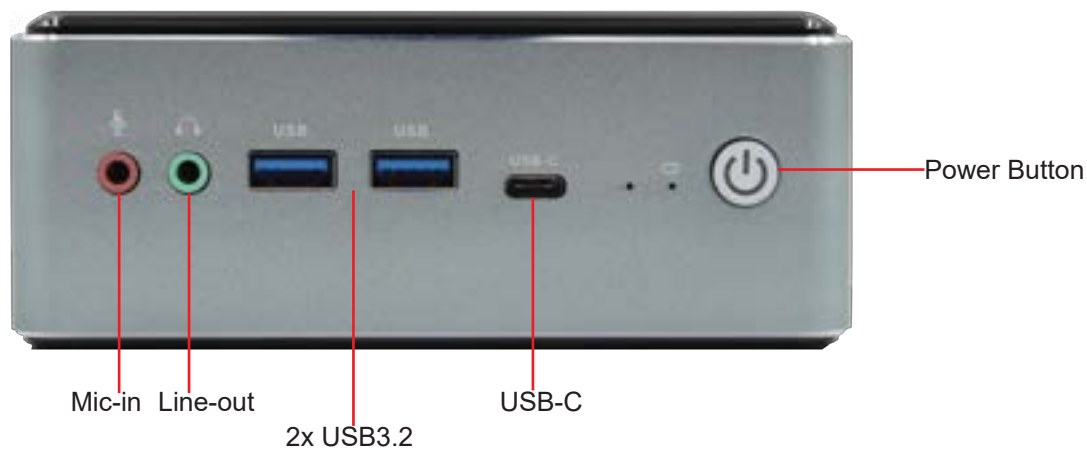


H/W Monitor



Watchdog

I/O Interfaces



Wi-Fi



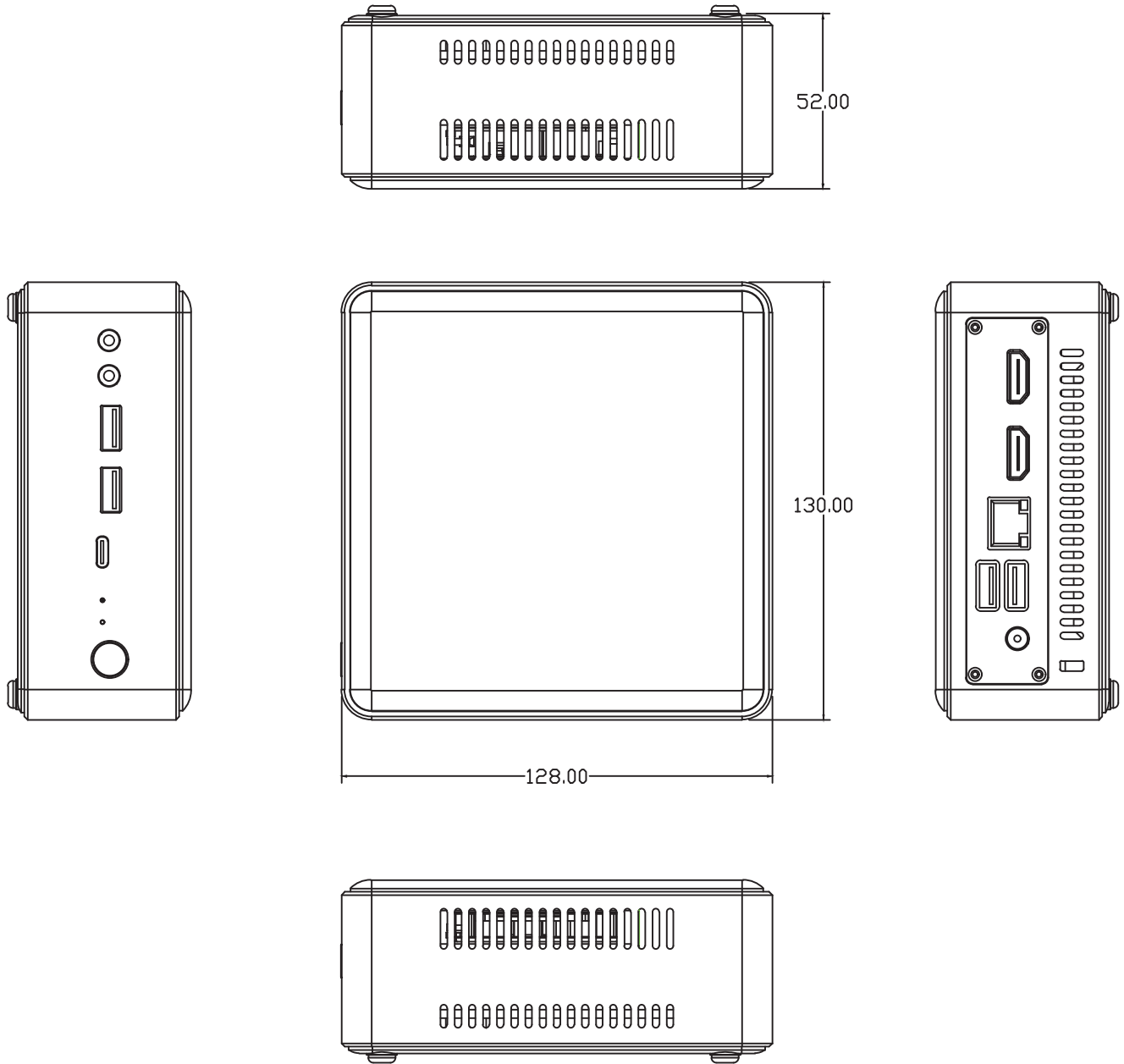
Bluetooth

Technical Specifications

Processor	AMD 4000/5000 Series	Ryzen™ 7 4800U	Ryzen™ 5 5600U
	# of Cores/Threads	8/16	6/12
	Max. Boost Clock	4.2GHz	4.2GHz
	Base Clock	1.8GHz	2.3GHz
	Total L2 Cache	4MB	3MB
	Total L3 Cache	8MB	16MB
	Default TDP	15W	15W
		BIOS	AMI UEFI BIOS
Display	GPU	AMD Radeon™ Graphics	
	Interface	2x HDMI 2.0	
Memory	Type	Dual Channel SO-DIMM DDR4	
	Max Capacity	64GB	
Ethernet	Speed	10/100/1000 Mbps	
	Controller	RTL8111H	
	Interface	1xRJ-45	
Audio	Audio Codec	Realtek HD	
	Interface	1xLine-out, 1xMic-in	
Hardware		CPU temperature, System temperature, Onboard voltage, Watchdog	
Storage	M.2	1xM.2 for 2280 NVMe/SATA SSD	
	SATA3.0	1	
Expansion	M.2	1xM.2 for WiFi and Bluetooth	
Other I/O	USB2.0	2	
	USB3.2	2	
	USB-C	1x Type-C/USB3.2 Gen 2	
Dimension	Size	128 mm x 130 mm x 52mm (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		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.