

MTN-FP50

AMD® Ryzen™ Mobile Processor based Compact Mini PC
with Radeon™ Graphics



Features

- CPU: AMD Ryzen Mobile Processors
- Memory: Dual Channel SO-DIMM DDR4 for Memory up to 64GB
- Display: AMD Radeon Graphics, Displays via 2xHDMI
- I/O Ports: 3xUSB3.2, 2xUSB2.0, 1xLAN, Audio
- Expansion: 1x M.2 for WiFi
- Storage: 1xM.2 for SSD, SATA3.0
- Power: 12V DC-in

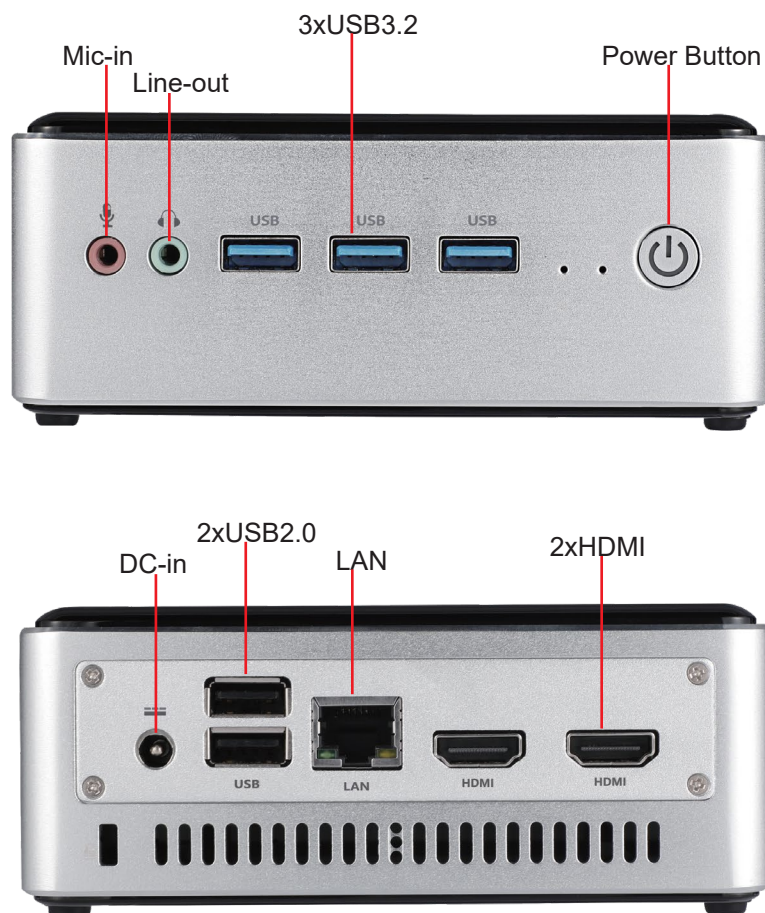


Introduction

The Maxtang MTN-FP50 is a compact mini PC based on the AMD Ryzen mobile processors, R1305G (SATA ONLY), 3020E, 3200U, and 3700U. It can provide excellent performance with greater space-saving. Supports Dual-channel SO-DIMM DDR4 up to 64GB, display via 2xHDMI. Features with one 10/100/1000 Mbps ethernet controller, M.2 and SATA3.0 for storage, addition M.2 for Wi-Fi. A rich I/O interface includes 3x USB3.2, 2xUSB2.0, 1xLAN, Line-out, Mic-in with standard 12V DC-in caters to most markets requirements.

The MTN-FP50 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.

I/O Interfaces



H/W Monitor



Watchdog



Wi-Fi



Bluetooth

Technical Specifications

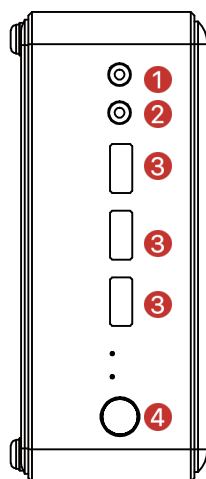
Processor	CPU	R1305G	3020E	3200U	3700U
	Cores/Threads	2C/4T	2C/2T	2C/4T	4C/8T
	Max Boost Clock	2.8 GHz	2.6 GHz	3.5 GHz	4 GHz
	Base Clock	1.5 GHz	1.2 GHz	2.6 GHz	2.3 GHz
	Cache	L2 1MB	L2 1MB	L2 1MB	L2 2MB
	BIOS	AMI UEFI BIOS			
Memory	Type	Dual Channel SO-DIMM DDR4			
	Max Capacity	64GB			
Display	GPU	Radeon™ Vega Graphics			
	Display via	2xHDMI			
Ethernet	Controller	RTL8111H			
	Speed	10/100/1000 Mbps			
	Interface	RJ-45			
Audio	Audio Codec	Realtek HD			
	Interface	1xLine-out, 1xMic-in, support audio header and amplifier header			
Hardware		CPU temperature, system temperature, onboard voltage, watchdog			
Storage	M.2_M	1x M.2_2280 Slot for SATA/NVMe SSD			
	SATA3.0	1x SATA3.0			
Expansion	M.2_E	1x M.2_2230 Slot for Wi-Fi and Bluetooth			
Other I/O	USB2.0	2xUSB2.0			
	USB3.2	3xUSB3.2			
Dimension	Size	130 mm x 128 mm x 52mm (L x W x H)			
Power	Standard Port	12V DC-in			
Temperature	Operating Temp.	-0°C to 50°C			
	Storage Temp.	-20°C to 70°C			
Cooling		Active			
Operating System		Win 10 64bit, Linux 64bit			

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

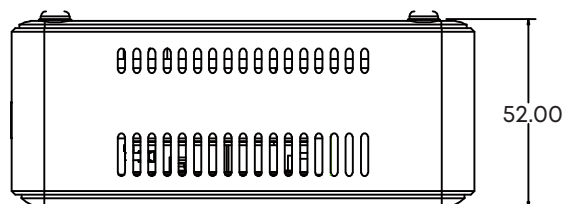
Dimension(in mm)

① Mic-in

② Line-out

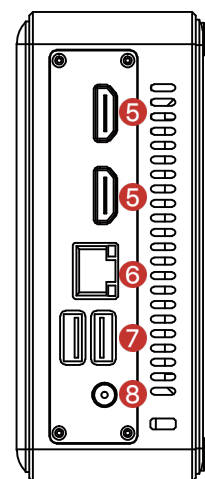


③ 3x USB3.2

④ Power button
(with LED)

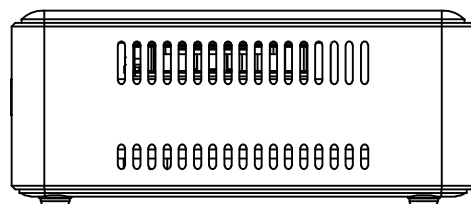
⑤ 2x HDMI

⑥ LAN



⑦ 2x USB2.0

⑧ DC-in



52.00

130.00

128.00