DATASHEET

MTN-FP650

Powered by the latest AMD Ryzen™ 4000 Series Renoir Mobile Processor with Radeon™ Vega Graphics

Features

- CPU: AMD Ryzen™ Mobile Processors 4000 Series
- Memory: Dual Channel DDR4 for Memory up to 64GB
- Display: AMD Radeon™ Vega Graphics, Dual Displays via HDMI2.0
- I/O Ports: 2xUSB3.2, 2xUSB2.0, 1xLAN, 2xHDMI, USB-C Gen2, Line-out, Mic-in,
- Expansion: M.2 for WiFi and Buletooth
- Storage: SATA3.0, M.2 for 2280 SSD
- Power: 12V/19V DC-in

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MAXIMIZING YOUR COMPUTING PRODUCTIVITY

Introduction

The Maxtang MTN-FP650 is 4000 Series AMD Ryzen mobile Renoir 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 Vega 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.

Linux™

ubuntu Linux

Windows

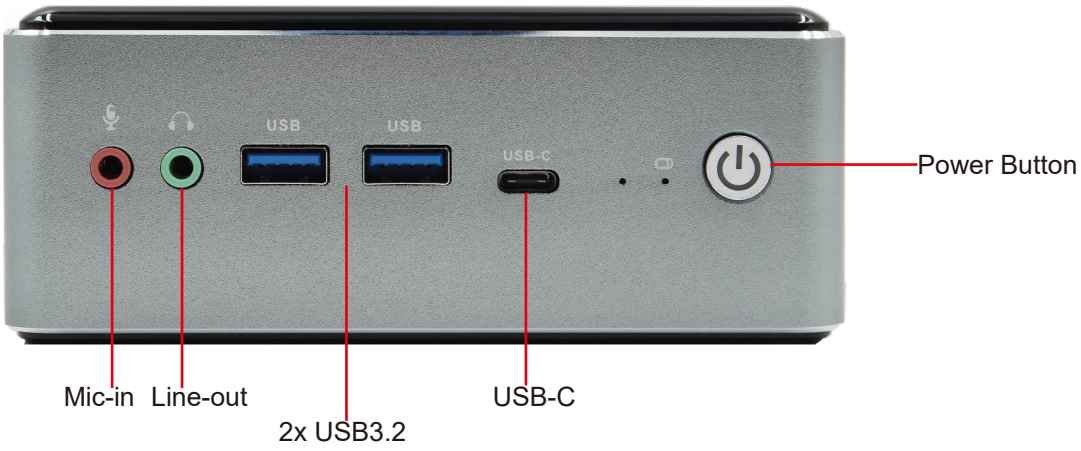
H/W Monitor

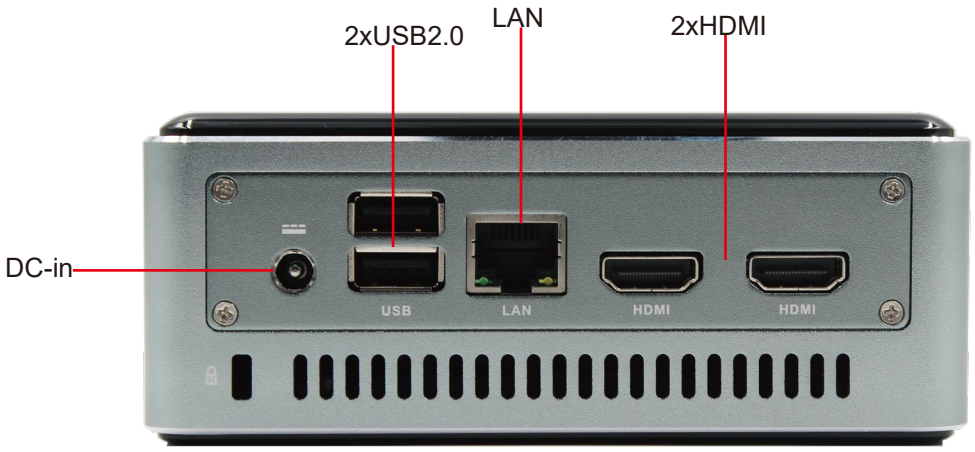
Watchdog

GPIO

Brightness

I/O Interfaces





Wi-Fi

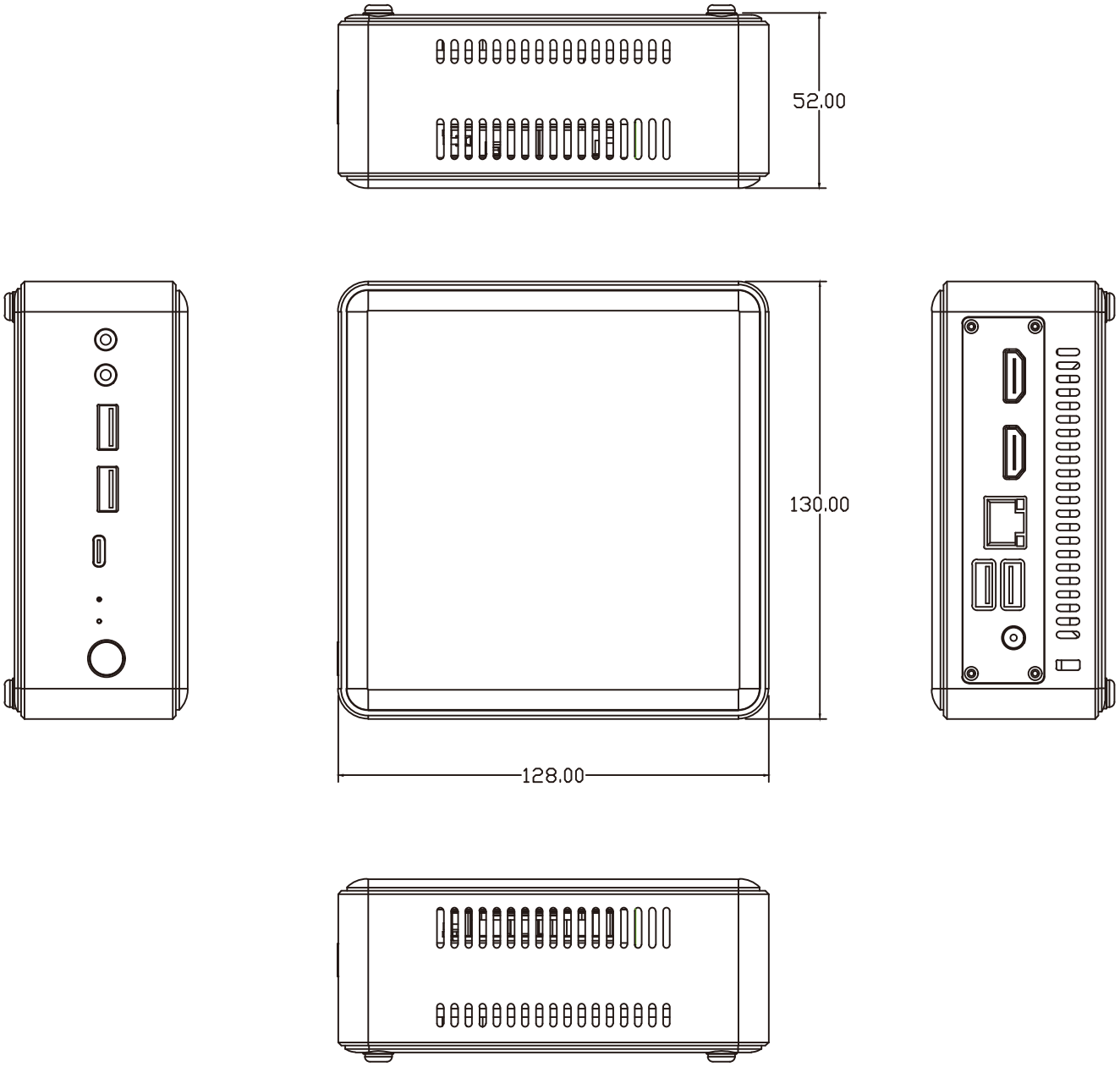
Bluetooth

Technical Specifications

Processor	CPU	Ryzen3 4300U	Ryzen5 4500U	Ryzen5 4600U	Ryzen7 4700U
	# of CPU Cores	4	6	6	8
	# of Threads	4	6	12	8
	Max. Boost Clock	3.7GHz	4.0GHz	4.0GHz	4.1GHz
	Base Clock	2.7GHz	2.3GHz	2.1GHz	2.0GHz
	Total L2 Cache	2MB	3MB	3MB	4MB
	Total L3 Cache	4MB	8MB	8MB	8MB
	Default TDP	15W	15W	15W	15W
	BIOS	AMI UEFI BIOS			
Display	GPU	AMD Radeon™ Vega Graphics			
	Display Port	2x HDMI 2.0			
Memory	Type	Dual Channel SO-DIMM DDR4			
	Max Capacity	64GB			
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 2280 SSD, Supports NVMe or SATA			
	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			
	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



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