

SXC-FP530-F

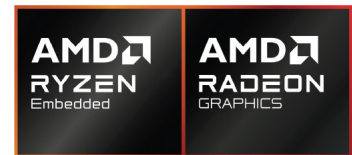
AMD Ryzen™ Embedded R2314 Processor based Mini PC
supports four displays with 4HDMI2.0, 2LAN, 2COM, 7USB



Features

- CPU: AMD Ryzen™ Embedded R2314 Processor
- Memory: Dual Channel SO-DIMM DDR4 up to 64GB
- GPU: AMD Radeon™ Graphics, support four displays up to 4K@60Hz
Support HDMI Hot-Plug Lock, RTC/W
- Ethernet: 2xRealtek RTL8111H(10/100/1000/Mbps)
- Storage: M.2 Key M for NVMe/SATA, M.2 Key B for SATA SSD/4G
- I/O Ports: 2xLAN, 2xCOM, 2xUSB3.2, 4xUSB2.0, 4xHDMI2.0, USB-C
- Expansion: M.2 Key E for Wi-Fi and Bluetooth, Nano SIM
- Power: 12V/19V DC-IN

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Introduction

Maxtang SXC-FP530-F is a compact embedded mini PC powered by the AMD Ryzen™ Embedded R2314 processor with integrated AMD Radeon™ Graphics, delivering high-performance computing and advanced multi-display capability. It supports up to four HDMI 2.0 outputs, making it suitable for digital signage, control centers, and industrial applications requiring synchronized, high-quality visuals.

Designed for demanding environments, the SXC-FP530-F provides versatile connectivity with dual Gigabit LAN, two COM ports (RS232/RS485 optional), seven USB ports, and M.2 expansion. Its rugged design, active cooling, and wide-range 12V/19V DC-IN ensure stable operation from -20°C to 60°C. With optional TPM, Real-Time Clock scheduling, and support for both Windows and Linux, the system offers enhanced security, manageability, and flexibility for industrial automation, AI edge computing, and multi-display deployments.



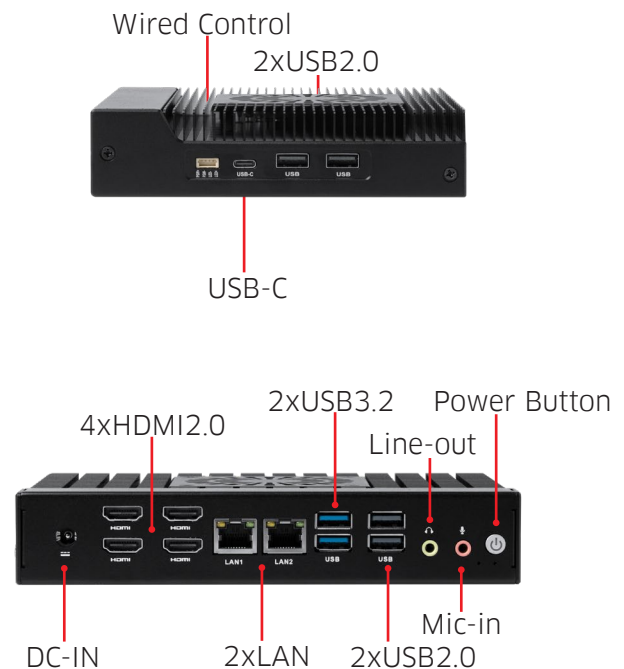
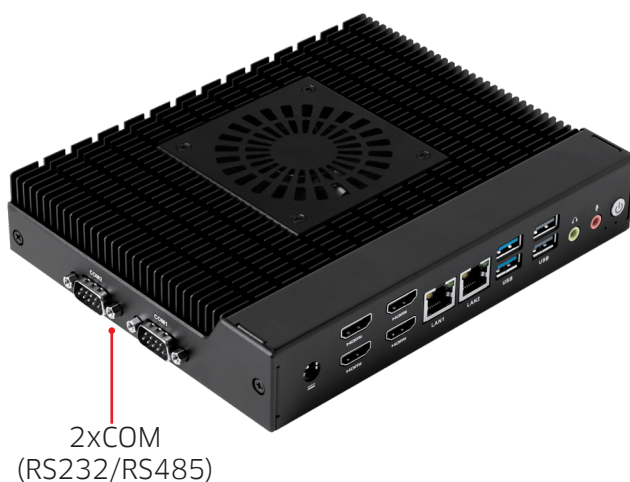
H/W Monitor



Watchdog



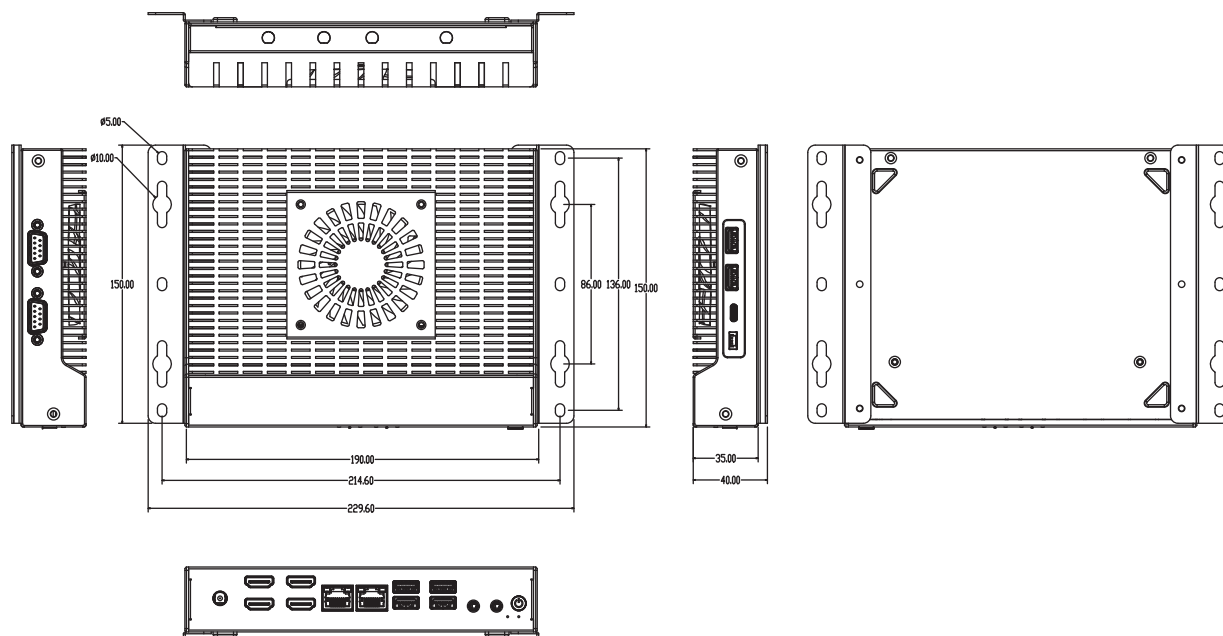
I/O Interfaces



Technical Specifications

Processor	AMD Ryzen™ Embedded	R2314
	Total Cores/Threads	4C/4T
	Base Frequency	2.10GHz
	Max Frequency	3.50GHz
	Total L2 Cache	2MB
	Total L3 Cache	4MB
	TDP	35W
	GPU	AMD Radeon™ Graphics
	BIOS	AMI UEFI BIOS
Memory	Type	Dual Channel SO-DIMM DDR4
	Max. Capacity	64GB
Display	Graphics	Integrated Graphics depends on the CPU model, see GPUs.
	Display via	4x HDMI2.0
	Max Resolution	Up to 4K @ 60Hz
		HDMI Hot-Plug Lock
Ethernet	Controller	2xRealtek 8111H
	Max. Speed	10/100/1000Mbps
	Interface	2x RJ45
	Wake on LAN	Yes
Audio	Audio Codec	Realtek ALC897 High Definition Audio Codec
	Interface	1x Line-out, 1xMic-in
Storage	M.2_N/S	1x M.2 Key_M Slot for 2280 NVMe/SATA SSD
	M.2_S/W	1x M.2 Key_B Slot for 2242/2280 SATA SSD or 3042 4G Module
Expansion	M.2_E	1x M.2 Key_E Slot for 2230 Wi-Fi and Bluetooth Module
	Nano SIM	1x Nano SIM Slot
Other I/O	COM	2x COM(RS232 by default, RS485 optional through hardware changes)
	USB2.0	4
	USB3.2	2
	USB-C	1xUSB-C(Supports USB3.2 only)
	Wired Control	1
	TPM	Onboard, optional
Real Time Clock	RTC	Support RTC set up, independently for each day of the week.
Dimension	Size	190mm x 150mm x 35mm
Weight	N.W.	1.06KG
Power	Standard Port	12V/19V DC-IN
Temperature	Operating Temp.	- 20°C to 60°C
	Storage Temp.	- 40°C to 80°C
Cooling Method		Active
Operating System		Windows 10/11 64bit, Linux 64bit

Dimension (in mm)



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