DATASHEET

SXC-FP530-F

AMD Ryzen™ Embedded R2000 Series Processor based Mini PC

supports four displays with 4HDMI2.0, 2LAN, 2COM, 7USB



Features

- CPU: AMD Ryzen™ Embedded R2000 Series 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

AMD
together we advance_

AMD RYZEN Embedded | AMD RADEON GRAPHICS

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Introduction

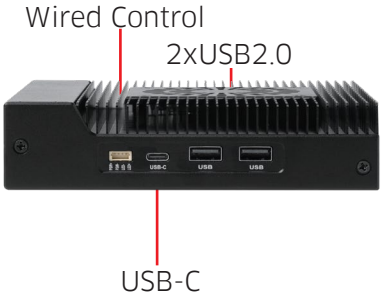
Maxtang SXC-FP530-F is a compact embedded mini PC powered by the AMD Ryzen™ Embedded R2000 Series processor with integrated AMD Radeon™ Graphics, delivering high-performance computing and advanced multi-display capability. It supports up to four HDMI 2.0 outputs, making it suitable for digital signage, control centers, and industrial applications requiring synchronized, high-quality visuals.

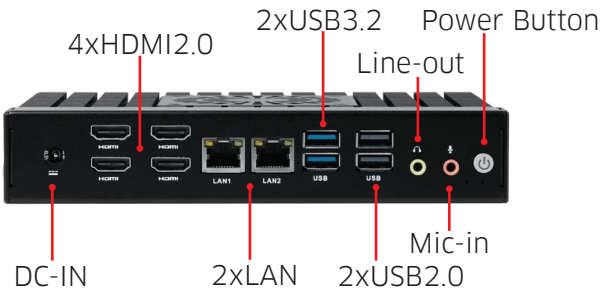
Designed for demanding environments, the SXC-FP530-F provides versatile connectivity with dual Gigabit LAN, two COM ports (RS232/RS485 optional), seven USB ports, and M.2 expansion. Its rugged design, active cooling, and wide-range 12V/19V DC-IN ensure stable operation from -20°C to 60°C. With optional 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.

Linux™
ubuntu Linux
Windows
H/W Monitor
Watchdog
HDMI™ HIGH-DEFINITION MULTIMEDIA INTERFACE

I/O Interfaces





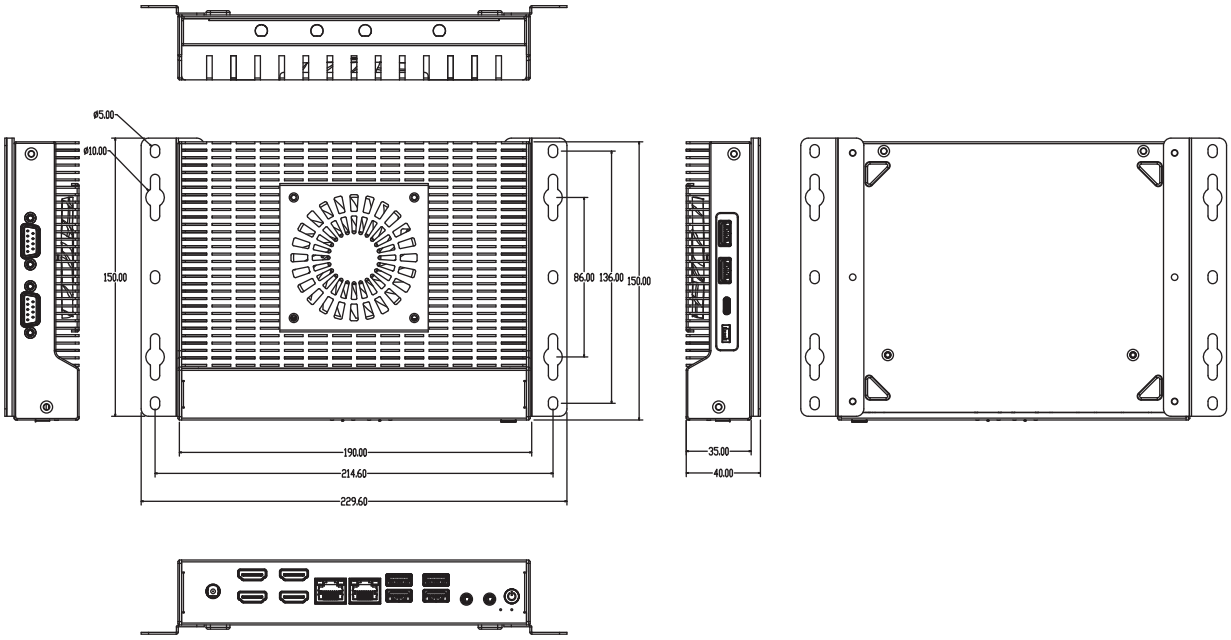


Technical Specifications

Processor	AMD Ryzen™ Embedded	R2314	R2514
	Total Cores/Threads	4C/4T	4C/8T
	Base Frequency	2.10GHz	2.10GHz
	Max Frequency	3.50GHz	3.70GHz
	Total L3 Cache	4MB	4MB
	TDP	35W	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	

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

Dimension (in mm)



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