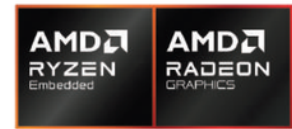


SMART 9530 AMD MP

AMD Ryzen Embedded R2314 processor-based Fanless Mini PC
Support four display with 4x HDMI 2.0, 2LAN, 2Com, 7USB



AMD
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INTRODUCTION

The **Smart 9530 AMD MP** is a compact, fanless mini PC powered by the AMD Ryzen™ Embedded R2314 processor with integrated Radeon™ graphics. Designed for performance and reliability, it supports up to four HDMI 2.0 displays, making it ideal for digital signage, control rooms, and industrial automation.

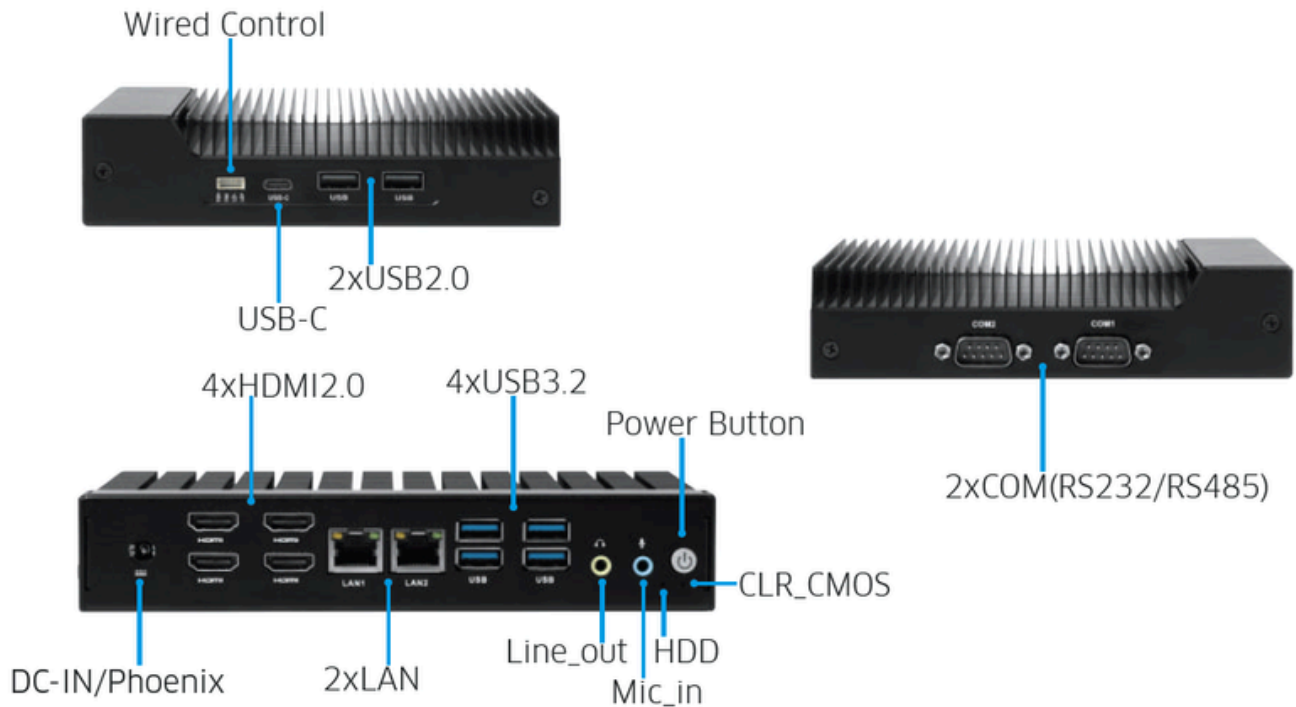
PRODUCT HIGHLIGHT

- 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
- 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, 4xUSB3.2, 2xUSB2.0, 4xHDMI2.0, USB-C
- Expansion: M.2 Key E for Wi-Fi and Bluetooth, Nano SIM
- Power: 12V/19V DC-IN or 9-35V Phoenix optional
- Support HDMI Hot-Plug Lock, RTC/W

TECHNICAL SPECIFICATION

CPU	AMD Ryzen™ Embedded R2314 Quad Core
Frequency	Base Frequency 2.1Ghz, Max 3.5Ghz
Cache	L2 Cache:2MB, L3 Cache: 4MB
TDP	15W
GPU	AMD Radeon™ Graphics
BIOS	AMI UEFI BIOS
Memory	Dual Channel SO-DIMM DDR4 Max 64 GB
Display	4x HDMI2.0
	Max Resolution Up to 4K @ 60Hz
	HDMI Hot-Plug Lock
Network	Controller: 2xRealtek 8111H
	2xRJ45 10/100/1000Mbps
	Wake on LAN
Audio	Realtek ALC897 High Definition Audio Codec
	1x Line-out, 1xMic-in
Storage	1x M.2 Key_M Slot for 2280 NVMe/SATA SSD 1x M.2 Key_B Slot for 2242/2280 SATA SSD or 3042 4G Module
Serial Ports (COM)	2x COM(RS232 by default, RS485 optional through hardware changes)
Expansion M.2	1x M.2 Key_E Slot for 2230 Wi-Fi and Bluetooth Module
	1x Nano SIM Slot
USB Ports	2x USB 2.0, 4x USB 3.2,
USB-C	1xUSB-C(Supports USB3.2 only)
Wired Control	1x Wired Control
TPM	Onboard, optional
Real Time Clock RTC	Support RTC set up, independently for each day of the week
Size	190mm x 150mm x 35mm
Weight	N.W. :1.06KG
Power Standard Port	12V/19V DC-IN
Power Optional	9-35V Phoenix Connector
Operating Temp.	- 20°C to 60°C
Storage Temp.	- 40°C to 80°C
Cooling Method	Passive
Operating System	Windows 10/11 64bit, Linux 64bit

I/O INTERFACES



WITH VERSATILE CONNECTIVITY—INCLUDING DUAL GIGABIT LAN, COM PORTS, SEVEN USB PORTS, AND M.2 EXPANSION—PLUS A WIDE POWER INPUT RANGE AND OPERATION FROM -20°C TO 60°C, IT ENSURES DEPENDABLE USE IN DEMANDING ENVIRONMENTS. OPTIONAL TPM SECURITY, RTC SCHEDULING, AND SUPPORT FOR WINDOWS AND LINUX MAKE THE SMART 9530 AMD MP A FUTURE-READY SOLUTION FOR EDGE COMPUTING AND MULTI-DISPLAY APPLICATIONS.



H/W Monitor



Watchdog



APURVA COMPUTERS TECHNOLOGIES PVT. LTD.

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