

MS-S1 Max Specifiction

Basic	Product Series	MINISFORUM AI Station Mini
	Model Number	MS-S1 MAX
	OS Support	Windows 11 Pro
	Dimensions	222.1 x 206.3 x 77.1 mm
	Weight	2.8 kg
	Dimensions (with package)	320 x 125 x 245 mm
	Weight (with package)	3.45 kg
CPU	Processor	AMD Ryzen™ AI Max+ 395
	Total Cores	16
	Total Threads	32
	Frequency	3.0 GHz
	Max Turbo Frequency	5.1 GHz
	TDP (Performance Mode)	130W
	TDP (Balance Mode)	95W
	TDP (Slient Mode)	60W
GPU	Graphics Cards	Radeon 8060S Graphics (Internal)
	Graphics Core Count	40
	Graphics Frequency	2900 MHz
AI Engine Capabilities	AMD Ryzen™ AI	Up to 50 TOPS (NPU TOPS)
		Up to 126 TOPS (Overall TOPS)
Memory	Memory Type	LPDDR5x-256Bit
	Optional SKU DDR Capacity	128GB
	Max Speed Support	8000MHz

	Max Capacity Support	128GB
Storage	Storage Type	1 x M.2 2280 NVME SSD Slot (up to 8TB,PCIe 4.0 x4) 1 x M.2 2280 NVME SSD Slot (up to 8TB,PCIe 4.0 x1)
	Optional SKU SSD Capacity	0/1TB/2TB/4TB
Cooling System	CPU Cooling Type	Six-heatpipe radiator+PCM.
	CPU Fan Type	2 × 8820mm turbo fan
	MAX Speed (CPU Fan)	3600 RPM
	Noise (Performance Mode)	37dB(idle),48dB(100% load),(50cm) (Remark: under MINISFORUM lab environment)
	Noise (Balance Mode)	35dB(idle),42dB(100% load),(50cm) (Remark: under MINISFORUM lab environment)
	Noise (Slient Mode)	32dB(idle),41.6dB(100% load),(50cm) (Remark: under MINISFORUM lab environment)
Wireless Connectivity	M.2 2230 E-Key WiFi/BT Combo Module (PCIe Only)	Wi-Fi 7
		Bluetooth® 5.4
Screen&Sensor	N/A	
Video Output	1 x HDMI (Up to 8K@60Hz/4K@120Hz) 2 x USB4 (Up to 8K@60Hz/4K@120Hz) 2 x USB4 V2 (Up to 8K@60Hz/4K@120Hz)	
Audio Output	HDMI x 1 3.5mm Combo Jack(TRRS) x 1	
Audio Input	DMIC x 2 3.5mm Combo Jack (TRRS) x 1	
I/O Ports	Rear	2 x 10GbE LAN RJ45
		2 x USB 3.2 Gen2 (10Gbps)
		2 x USB 2.0
		2 x USB4 V2 (80Gbps, Alt DP2.0, PD out 15W)
		1 x HDMI 2.1 FRL (Up to 8K@60Hz/4K@120Hz)

I/O Ports	Front	2 x USB4 (40Gbps, Alt DP2.0, PD out 15W)
		1 x USB 3.2 Gen2 (10Gbps)
		1 x 3.5mm Audio Combo Jack (TRRS)
		2 x DMIC
	inside	PCIe x16 Slot (PCIe 4.0 x4)
Button/Hole	Power Button x 1	
	Reset Hole (Clear CMOS) x 1	
VESA Mount	100-178.5mm	
Power	AC INPUT (100-240V ~6A 50-60Hz,Internal-DC 12V/26.6A,320W MAX)	