

MINI-PC Minis Forum M1 Pro-125H Intel Core Ultra 5 125H barebone

Model: M1 Pro-125H

Manufacturer: MINIS FORUM

EAN: 4897118834391

Product Code: 1058008

R11,677

MINI-PC Minis Forum M1 Pro-125H Intel Core Ultra 5 125H barebone

The MINIS FORUM M1 Pro-125H is equipped with an Intel Core™ Ultra 5 125H processor with 14 cores and 18 threads and integrated Intel Arc™ graphics. It supports up to 128 GB of DDR5 5600 MHz RAM and two high-speed NVMe PCIe 4.0 SSDs (up to 4 TB). The set of connectors includes, among others, 2 USB4 ports, HDMI 2.1, DP 1.4, OcuLink (for eGPU), LAN 2.5G, as well as Wi-Fi 7 and Bluetooth 5.4. The computer can be placed on a desk or attached to the back of a monitor (VESA bracket included). The whole thing weighs just 600 g with dimensions of 128 × 126 × 52 mm.

AI-based performance - Intel Core™ Ultra 5 125H

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The M1 Pro-125H is equipped with an Intel Core™ Ultra 5 125H processor with 14 cores and 18 threads. Clocking up to 4.5 GHz and supporting advanced AI features, the computer easily handles multitasking, video editing, data work, virtualization or gaming. In Cinebench R23 (Multi-Core) tests, it achieves 14,071 points.

Support for up to 128 GB DDR5 RAM and 4 TB SSD

The MINIS FORUM M1 Pro supports DDR5 RAM in a dual-channel configuration, with up to 5600 MHz and a maximum capacity of up to 128 GB - making it unique in this class of devices. Two M.2 PCIe 4.0 slots allow storage expansion up to 4TB and support RAID 0/1, which translates into instant access to data and greater data security.

Capable of connecting 4 monitors and GPU expansion

With HDMI 2.1, DP 1.4 and two USB4 ports, the M1 Pro supports up to 4 4K (or even 8K) displays simultaneously. This is ideal for those working with multiple applications and screens. In addition, the available OcuLink port allows you to connect an external graphics card (eGPU), extending the mini-PC's graphics capabilities to the level of a workstation or gaming PC.

Reliable connectivity

The M1 Pro offers the fastest standards: Wi-Fi 7 (up to 5.8 Gbps), Bluetooth 5.4 and Ethernet 2.5G, so you can count on lightning-fast data transfers, smooth video conferencing and stable network connectivity.

Advanced cooling and quiet operation

A dual fan system and pure copper heatpipes are responsible for efficient cooling. Even under full load, temperatures do not exceed 86°C, and the noise level does not exceed 45 dB - guaranteeing comfortable and stable operation in any conditions.

Clear sound

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The built-in sound card (YH-SP6740-01) with active noise cancellation ensures clear sound during meetings and recordings. The ability to connect external audio devices via USB enables even better sound quality and flexibility for multimedia work.

General

Manufacturer	Minis Forum
Model	M1 Pro-125H
Supported operating system	Windows 11 Pro
Dimensions	128 x 126 x 52 mm (L x W x H)
Weight	0.6kg

Processor (CPU)

Processor	Intel® Core™ Ultra 5 125H
Number of cores	14 (4 P cores + 8 E cores + 2 LPE cores)
Number of threads	18
Base frequency	1.2GHz
Max Turbo frequency	4.5GHz
TDP (Performance Mode)	Fast: 65W / Slow: 65W
TDP (Balance Mode)	Fast: 65W / Slow: 45W

Graphics card (GPU)

Integrated graphics	Intel® Arc™ graphics

Memory (RAM)

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Memory type	DDR5 (SO-DIMM x 2)
Optional RAM capacity	0/32/64GB
Supported clocking	5600 MHz
Maximum supported memory	128GB

Drive

SSD slots	2×M.2 2280 NVME SSD (up to 4TB) (PCIe4.0x4)
Optional SSD capacity	0/1TB/2TB

Wireless connectivity

WiFi/BT module (PCIe only)	M.2 2230 E-Key
Wi-Fi	Wi-Fi 7
Bluetooth	Bluetooth® 5.4

Wired connectivity

Ethernet network card	2.5Gigabit LAN (RJ45) - 1x (Module: i226-v)

Video/audio inputs and outputs

Video outputs	HDMI 2.1 (TMDS) x1 (up to 4K@60Hz) DP 1.4 x1 (up to 8K@60Hz/4K@144Hz) USB4 x2 (up to 8K@60Hz/4K@144Hz)

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	HDMI 1x
Audio outputs	3.5mm combo jack 1x
	Speakers 2x
Audio inputs	Digital microphone (DMIC) 2x
	3.5 mm combo jack 1x

Ports

Front	USB Type A (USB3.2 Gen2) 2x
	3.5 mm combo jack 1x
	Reset hole 1x
	USB4 1x (Alt PD, 40Gbps, Alt PD Out 15W)
Rear	HDMI 2.1 1x
	DP 1.4 1x
	USB4 1x (Alt PD, 40Gbps, PD in 65-100W, PD out 15W)
	LAN RJ45 (2.5Gb) 1x
	OCulink 1x
	USB Type A (USB2.0) 1x
	Power port (DC-In) 1x

Buttons and openings

Buttons	Power button 1x
Openings	Reset hole 1x

Other

VESA mounting	Supported
Power supply	19V⎓ 6.32A 120W

GPSR Link: https://psr-assets.innpro.pl/it_accessories/sg_it_accessories_others.pdf, Gross weight:

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1350, Net weight: 660, Box length: 18,00, Box width: 15,50, Box height: 11,00

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