

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



Model: M1 Pro-125H

Manufacturer: MINIS FORUM

EAN: 4897118834391

Product Code: 303538

R11,202

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

USB Type A (USB3.2 Gen2) 2x

3.5 mm combo jack 1x

Front

Reset hole 1x

USB4 1x (Alt PD, 40Gbps, Alt PD Out 15W)

HDMI 2.1 1x

DP 1.4 1x

USB4 1x (Alt PD, 40Gbps, PD in 65-100W, PD out 15W)

Rear 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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