

MINI-PC Minis Forum M1 Pro- 285H Intel Core Ultra 9 285H Barebone



Model: M1 Pro-285H

Manufacturer: MINIS FORUM

EAN: 4897118834834

Product Code: 303539

R15,741

MINI-PC Minis Forum M1 Pro-285H Intel Core Ultra 9 285H Barebone

The MINIS FORUM M1 Pro-285H is equipped with an Intel Core™ Ultra 9 285H processor with 16 cores and 16 threads and integrated Intel Arc 140T™ graphics. It supports up to 128GB of DDR5 6400 MHz RAM and two fast NVMe PCIe 4.0 SSDs (up to 4TB). 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 9 285H

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The M1 Pro-285H is equipped with an Intel Core™ Ultra 9 285H processor with 16 cores and 16 threads. Clocked at up to 5.4 GHz and supporting advanced AI features, the computer easily handles multitasking, video editing, data work, virtualization or gaming.

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 6400 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 enable storage expansion of 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

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

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sound quality and flexibility for multimedia work.

General

Manufacturer Minis Forum

Model Pro-285H

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 9 285H

Number of cores 16 (6 P cores + 8 E cores + 2 LPE cores)

Number of threads 16

Base frequency 2.9 GHz

Max Turbo frequency 5.4 GHz

TDP (Performance Mode) Fast: 65W / Slow: 65W

TDP (Balance Mode) Fast: 65W / Slow: 45W

Graphics card (GPU)

Integrated graphics Intel® Arc™ 140T

Memory (RAM)

Memory type DDR5 (SO-DIMM x 2)

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Optional RAM capacity 0/32/64GB

Supported clocking 6400 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)
HDMI 1x

Audio outputs 3.5mm combo jack 1x
Speakers 2x

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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: 1360, Net weight: 660, Box length: 18,00, Box width: 16,00, Box height: 11,00

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