

MiniPC Minis Forum X1-255 AMD Ryzen 7 H255, barebone



Model: X1-255

Manufacturer: MINIS FORUM

EAN: 4897118834223

Product Code: 303541

R9,687

Minis Forum X1-255 AMD Ryzen 7 H255 miniPC, barebone

Minis Forum X1-255 is a high-performance PC that is suitable for both office work and more demanding tasks. Equipped with a powerful AMD Ryzen™ 7 processor and a variety of connectors, it allows you to freely customize your configuration. Thanks to its compact dimensions (128 x 126.5 x 52.5 mm), it will fit virtually anywhere - on a desk, behind a monitor or in a workspace with limited space.

Powerful AMD Zen 4-series processor

At the heart of the device is an 8-core and 16-thread AMD Ryzen™ 7 255 processor, based on the Zen 4 architecture. A base clock speed of 3.8 GHz with the ability to accelerate to 4.9 GHz ensures smooth operation in office applications, browsers, and even lighter 3D modeling or video editing.

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Built-in AMD Radeon™ 780M graphics

The integrated AMD Radeon™ 780M graphics chip allows for smooth high-definition multimedia and even simple graphics processing. It's a reasonable choice for users who don't need a dedicated graphics card, but still expect smooth image handling.

Flexible memory and disk configuration

The X1-255 supports up to 64 GB of DDR5 memory clocked at 5600 MT/s for fast application loading and seamless multitasking. Two M.2 NVMe SSD (PCIe 4.0) slots support the installation of drives up to 4TB each, allowing you to build ultra-fast and high-capacity storage without external solutions.

Efficient cooling and quiet operation

A turbo fan with a speed of up to 4,000 rpm and a variable-phase material is responsible for cooling. This system effectively maintains a low temperature even under full load, while remaining quiet - in Silent mode it generates just 38 dB.

Reliable connectivity

The MiniPC offers a wide selection of ports, including USB4, HDMI 2.1 FRL, DisplayPort, OCuLink, as well as a 2.5G LAN connector. This makes it easy to connect a 4K/8K monitor, high-speed external drive or other accessories. The computer also supports Wi-Fi 7 and Bluetooth 5.4 for stable wireless connectivity.

With convenience and installation in mind

The unit comes with a standard VESA mounting hole for easy installation on the back of a monitor, for example. You'll also find a power button, a Kensington Lock slot for theft protection and a dedicated reset hole.

Included

- mini PC
- power adapter

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- power cable
- HDMI cable
- mounting screws x4
- M.2 to OCulink adapter card
- mini PC stand
- user manual

General information

Manufacturer Minis Forum

Series Elite Mini

Model X1-255

Operating System Windows 11 Pro support

Dimensions 128 × 126 × 52.5 mm (L × W × H)

Weight 0.6 kg

Processor (CPU)

Processor model AMD Ryzen™ 7 255

Number of cores 8 (Zen 4 architecture)

Number of threads 16

Base clocking 3.8 GHz

Maximum clocking (Turbo) 4.9 GHz

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

TDP (Balance mode) Fast: 65W / Slow: 54W

TDP (Silent mode) Fast: 55W / Slow: 45W

Graphics chip (GPU)

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Integrated graphics AMD Radeon™ 780M

Memory (RAM)

Memory type DDR5 (SO-DIMM ×2)

Configurations (optional) 0 / 32 / 64 GB

Maximum bandwidth 5600 MT/s

Maximum capacity 64 GB

Storage

Drive type 2 × M.2 2280 NVMe SSD (up to 4 TB per slot, PCIe 4.0 x4)

Disk (optional) 0 / 1 TB

Cooling system

Cooling material Variable-phase material

CPU fan Turbo fan 7515 mm

Max fan speed 4000 rpm

Noise level (performance mode) 45 dB / at a distance of 50 cm (MINISFORUM lab data)

Noise level (Balance mode) 40 dB / 50 cm

Noise level (Silent mode) 38 dB / 50 cm

Wireless and wired connectivity

Module M.2 2230 with Wi-Fi and Bluetooth

Wi-Fi Wi-Fi 7

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Bluetooth 5.4

Ethernet connector 2.5 Gigabit LAN (RJ45)
Module: RTL8125BG-CG

Video outputs

HDMI 1 × (up to 8K @ 60Hz / 4K @ 120Hz)

DisplayPort (DP) 1 × (up to 8K @ 60Hz / 4K @ 120Hz)

USB4 2 × (up to 8K @ 60Hz / 4K @ 120Hz)

Audio outputs / inputs

Audio outputs HDMI ×1
DP ×1
3.5mm combo jack ×1
Speakers: 2 × (2W each)

Audio inputs Digital microphone (DMIC): 2 ×
3.5mm combo jack: 1 ×

Ports

1 × USB4 (PD power supply up to 15W)
2 × USB Type A (USB 3.2 Gen2)

On the front 2 × DMIC microphones
1 × Combo jack 3.5mm
1 × Reset hole

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	1 × HDMI 2.1 FRL
	1 × DP 2.0
	1 × USB4 (PD power supply up to 100W & 15W)
Rear	1 × RJ45 (2.5 Gigabit LAN)
	1 × OCuLink (via M.2 to OCuLink adapter)
	1 × USB Type A (USB 2.0)
	1 × DC-In

Other

Power button	1 ×
Kensington slot	1 × (right side)
Reset hole	1 ×
VESA mounting	Yes
Power supply	19V / 6.32A (120W)

Dimensions of the plug 5525 mm

GPSR Link: https://psr-assets.innpro.pl/it_accessories/sg_it_accessories_others.pdf, Gross weight: 1310, Box length: 18,00, Box width: 15,50, Box height: 11,00, Net weight: 660, Information about data generation: https://dataact.innpro.pl/Minis_Forum/4897118834223

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