

## **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)
<b>Rear</b>	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

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

### Dimensions of the plug 5525 mm

GPSR Link: [https://psr-assets.innpro.pl/it\\_accessories/sg\\_it\\_accessories\\_others.pdf](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](https://dataact.innpro.pl/Minis_Forum/4897118834223)

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