

## Informacije o proizvodu (EN)

LENOVO računar IdeaCentre Mini 01IRH8 16/512GB  
(90W20089RM)

# Lenovo

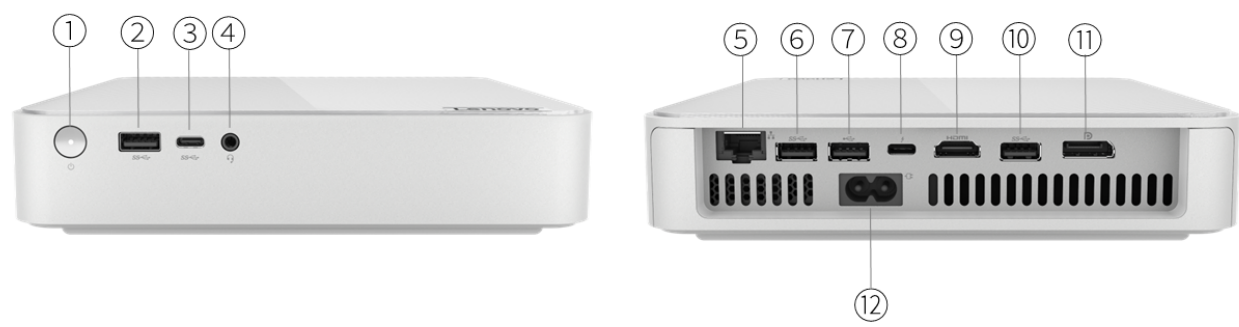


Tehnoteka je online destinacija za upoređivanje cena i karakteristika bele tehnike, potrošačke elektronike i IT uređaja kod trgovinskih lanaca i internet prodavnica u Srbiji. Naša stranica vam omogućava da istražite najnovije informacije, detaljne karakteristike i konkurentne cene proizvoda.

Posetite nas i uživajte u ekskluzivnom iskustvu pametne kupovine klikom na link:

<https://tehnoteka.rs/p/lenovo-racunar-ideacentre-mini-01irh8-16512gb-90w20089rm-akcija-cena/>

OVERVIEW



|                                              |                     |
|----------------------------------------------|---------------------|
| 1. Power button                              | 7. USB 2.0          |
| 2. USB 3.2 Gen 2 (Always On)                 | 8. Thunderbolt 4    |
| 3. USB-C 3.2 Gen 2                           | 9. HDMI 2.1 TMDS    |
| 4. Headphone / microphone combo jack (3.5mm) | 10. USB 3.2 Gen 2   |
| 5. Ethernet (RJ-45)                          | 11. DisplayPort 1.4 |
| 6. USB 3.2 Gen 2                             | 12. Power connector |

- Notes:
- Items with \* are only available on selected models

PERFORMANCE

Processor

Processor Family

13th Generation Intel® Core™ i5 / i7 Processor

Processor\*\*<sup>[1]</sup>

| Processor Name | Cores                    | Threads | Max Frequency                 | Cache | Memory Support | Processor Graphics       |
|----------------|--------------------------|---------|-------------------------------|-------|----------------|--------------------------|
| Core i5-13420H | 8 (4 P-core + 4 E-core)  | 12      | P-core 4.6GHz / E-core 3.4GHz | 12MB  | DDR4-3200      | Intel® UHD Graphics      |
| Core i5-13500H | 12 (4 P-core + 8 E-core) | 16      | P-core 4.7GHz / E-core 3.5GHz | 18MB  | DDR4-3200      | Intel® Iris® Xe Graphics |
| Core i7-13620H | 10 (6 P-core + 4 E-core) | 16      | P-core 4.9GHz / E-core 3.6GHz | 24MB  | DDR4-3200      | Intel® UHD Graphics      |
| Core i7-13700H | 14 (6 P-core + 8 E-core) | 20      | P-core 5.0GHz / E-core 3.7GHz | 24MB  | DDR4-3200      | Intel® Iris® Xe Graphics |

Notes:

<sup>[1]</sup> Intel® Max Turbo frequency will vary depending on application workload and the hardware and software configurations, see <http://www.intel.com/technology/turboboost/> for more information.

Operating System

Operating System\*\*

- Windows® 11 Pro
- Windows® 11 Home
- Windows® 11 Home Single Language

Graphics

Graphics\*\*

| Graphics                                | Type       | Memory | Max Resolution                                                          | Connector                                           | Key Features  |
|-----------------------------------------|------------|--------|-------------------------------------------------------------------------|-----------------------------------------------------|---------------|
| Intel® UHD Graphics                     | Integrated | Shared | 3840x2160@60Hz(HDMI®), 3840x2160@60Hz(DP), 3840x2160@60Hz(Thunderbolt™) | 1x HDMI® 2.1 TMDS<br>1x DP 1.4<br>1x Thunderbolt™ 4 | DirectX® 12.1 |
| Intel® Iris® Xe Graphics <sup>[1]</sup> | Integrated | Shared | 3840x2160@60Hz(HDMI®), 3840x2160@60Hz(DP), 3840x2160@60Hz(Thunderbolt™) | 1x HDMI® 2.1 TMDS<br>1x DP 1.4<br>1x Thunderbolt™ 4 | DirectX® 12.1 |

Notes:

<sup>[1]</sup> Intel® Iris® Xe Graphics capability requires system to be configured with dual-channel memory. On the system with single-channel memory, Intel® Iris® Xe Graphics will function as Intel® UHD Graphics.

Monitor Support

Monitor Support

Supports up to 3 independent displays via onboard ports (DP, HDMI®, and Thunderbolt™)

Chipset

Chipset

Intel® SoC (System on Chip) platform

Memory

Max Memory<sup>[1]</sup>

Up to 32GB DDR4-3200

Memory Slots

Two DDR4 SO-DIMM slots, dual-channel capable

Memory Type

DDR4-3200

Memory Protection

Non-ECC

Notes:

[1] The max memory is based on the test results with current Lenovo® memory offerings.

Storage

Storage Support<sup>[1]</sup>

Up to two drives, 2x M.2 SSD

- M.2 SSD up to 1TB each

Storage Type

| Disk Type    | Interface                 |
|--------------|---------------------------|
| M.2 2280 SSD | PCIe® NVMe®, PCIe® 4.0 x4 |

RAID

No support

Notes:

[1] The max capacity of each disk type is based on the test results with current Lenovo® storage offerings.

Removable Storage

Optical

None

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC256 codec

Speakers

No speakers

Power Supply

Power Supply

| Power | Type  | Efficiency | Key Features |
|-------|-------|------------|--------------|
| 150W  | Fixed | 92%        | 100V - 240V  |

DESIGN

Input Device

Keyboard

No keyboard

Mouse

No mouse

## Mechanical

### Form Factor

Tiny (1L)

### Dimensions (WxDxH)<sup>[1]</sup>

191.4 x 195 x 39mm (7.535 x 7.677 x 1.535 inches)

### Packaging Dimensions (WxDxH)

315 x 117 x 270 mm (12.4 x 4.61 x 10.63 inches)

### Weight<sup>[2]</sup>

Around 1.8 kg (3.97 lbs)

### Packaging Weight

2.2 kg (4.86 lbs)

### Case Color

Cloud grey

### Bays

No bays

### Expansion Slots

Three M.2 slots (one for WLAN, two for SSD)

Notes:

[1] The system dimensions may vary depending on configurations.

[2] The system weight is approximate and based on results in Lenovo® lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

## CONNECTIVITY

### Network

#### Onboard Ethernet

2.5GbE, Realtek® RTL8125BGS Gaming Ethernet, 1x RJ-45

#### WLAN + Bluetooth®

Wi-Fi® 6, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.2, M.2 card<sup>[1]</sup>

Notes:

[1] Bluetooth® 5.2 requires Windows® 11.

### Ports<sup>[1]</sup>

#### Front Ports

- 1x USB-C® 3.2 Gen 2
- 1x USB 3.2 Gen 2
- 1x headphone / microphone combo jack (3.5mm)

#### Rear Ports

- 1x Thunderbolt™ 4 / USB4® 40Gbps (support data transfer and DP 1.4)
- 1x USB 2.0
- 2x USB 3.2 Gen 2
- 1x HDMI® 2.1 TMDS
- 1x DisplayPort™ 1.4
- 1x Ethernet (2.5GbE RJ-45)
- 1x power connector

Notes:

[1] The transfer speed of following ports will vary and, depending on many factors, such as the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment, will be slower than theoretical speed.

USB 2.0: 480 Mbit/s;

USB 3.2 Gen 1 (SuperSpeed USB 5Gbps, formerly USB 3.0 / USB 3.1 Gen 1): 5 Gbit/s;  
USB 3.2 Gen 2 (SuperSpeed USB 10Gbps, formerly USB 3.1 Gen 2): 10 Gbit/s;  
USB4® 20Gbps / USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;  
USB4® 40Gbps (USB 40Gbps): 40 Gbit/s;  
Thunderbolt™ 3/4: 40 Gbit/s.

## SECURITY & PRIVACY

### Security

#### Security Chip

Firmware TPM 2.0 integrated in processor

#### BIOS Security

- Administrator password
- Hard disk password
- Power-on password
- More BIOS security features, please visit [BIOS Simulator](#)<sup>[1]</sup>

Notes:

[1] The BIOS simulator is just for reference. Default settings and some options may vary depending on the hardware, operating system and BIOS version.

## MANAGEABILITY

### System Management

#### System Management

None

## SERVICE

### Warranty<sup>[1]</sup>

#### Base Warranty\*\*

- 1-year mail-in service
- 1-year courier or carry-in service
- 1-year limited onsite service
- 2-year courier or carry-in service
- 3-year courier or carry-in service

Notes:

[1] The warranty upgrades may be bundled with some models, please check the "Included upgrade" column in the specific model's configurations. For more service extensions, please go to <https://smartfind.lenovo.com/>. To learn more details of warranty policy, please access <https://support.lenovo.com/warrantylookup/warrantypolicy>.

## OPERATING REQUIREMENTS

### Operating Environment

#### Temperature

- Operating: 10°C (50°F) to 35°C (95°F)
- Storage: -40°C (-40°F) to 60°C (140°F)

#### Relative Humidity

- Operating: 20% to 80%
- Storage: 20% to 90%

#### Altitude

- Operating: -15.2 m (-50 ft) to 3048 m (10,000 ft)
- Storage: -15.2 m (-50 ft) to 10668 m (35,000 ft)

## CERTIFICATIONS

### Green Certifications<sup>[1]</sup>

#### Green Certifications

- ENERGY STAR® 8.0
- ErP Lot 3
- RoHS compliant

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#### Notes:

[1] The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration. For ESG & regulatory compliance documents, please visit <https://compliance.lenovo.com>.

- Feature with \*\* means that only one option listed under the feature can be configured on selected models. Please refer to the model configuration for specific information.
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Za najnovije informacije o ceni, dostupnim akcijama i tehničkim karakteristikama proizvoda koji se pominje u ovom dokumentu, molimo posetite našu stranicu klikom na sledeći link:

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