

Informacije o proizvodu (EN)

LENOVO laptop Legion 5 15AHP11 AI 7 250, 16GB/512GB, RTX 5050 8GB OLED (83Q7001WYA)

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-laptop-legion-5-15ahp11-ai-7-250-16gb512gb-rtx-5050-8gb-oled-83q7001wya-akcija-cena/>

OVERVIEW



| | |
|--|---------------------------------|
| 1. Headphone / microphone combo jack (3.5mm) | 6. USB-A (USB 5Gbps) |
| 2. USB-A (USB 5Gbps) | 7. HDMI |
| 3. Ethernet (RJ-45) | 8. USB-A (USB 5Gbps), Always On |
| 4. USB-C (USB4 40Gbps), with USB PD 65-100W & DP 1.4 | 9. Power connector |
| 5. USB-C (USB4 40Gbps), with USB PD 65-100W & DP 1.4 | |

PERFORMANCE

Processor

Processor Family

AMD Ryzen™ 7 200 Series Processor

Processor

| Processor Name | Cores | Threads | Base Frequency | Max Frequency | Cache | Processor Graphics | NPU | Overall TOPS |
|------------------|-------|---------|----------------|---------------|------------------|--------------------|------------------------------|---------------|
| AMD Ryzen™ 7 250 | 8 | 16 | 3.3GHz | 5.1GHz | 8MB L2 / 16MB L3 | AMD Radeon™ 780M | AMD Ryzen™ AI, up to 16 TOPS | Up to 38 TOPS |

AI (Artificial Intelligence)

AI PC Category

AI-Powered Gaming PC^[1]

NPU

Integrated AMD Ryzen™ AI, up to 16 TOPS

Notes:

[1] AI-Powered Gaming PCs feature Lenovo® AI Engine+ and NVIDIA® GeForce RTX™ GPUs to handle AI-driven tasks and deliver exceptional gaming performance.

Operating System

Operating System**

- Windows® 11 Pro
- Windows® 11 Home
- Windows® 11 Home Single Language
- No preload operating system

Graphics

Graphics**

| Graphics | Type | Memory | Boost Clock | TGP | AI TOPS (Peak) | Key Features |
|--------------------------------------|----------|-----------|-------------|------|----------------|------------------------------|
| NVIDIA® GeForce RTX™ 5050 Laptop GPU | Discrete | 8GB GDDR7 | 2662 MHz | 115W | 440 TOPS | DLSS 4, DirectX® 12 Ultimate |
| NVIDIA® GeForce RTX™ 5060 Laptop GPU | Discrete | 8GB GDDR7 | 2497 MHz | 115W | 572 TOPS | DLSS 4, DirectX® 12 Ultimate |
| NVIDIA® GeForce RTX™ 5070 Laptop GPU | Discrete | 8GB GDDR7 | 2347 MHz | 115W | 798 TOPS | DLSS 4, DirectX® 12 Ultimate |

Monitor Support

Monitor Support^[1]

Supports up to 4 independent displays (native display and 3 external monitors via HDMI® and USB-C®)

- HDMI® supports up to 8K@60Hz
- USB-C® supports up to 8K@60Hz

Notes:

[1] For Max resolution, DSC-enabled display is required.

Chipset

Chipset

AMD SoC (System on Chip) platform

Memory

Max Memory^[1]

Up to 32GB DDR5-5600 offering

Memory Slots

Two DDR5 SODIMM slots, dual-channel capable

Memory Type

DDR5-5600

Notes:

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

Storage

Max Storage Support^[1]

Up to two drives, 2x M.2 SSD
 • M.2 2242 SSD up to 2TB each

Storage Slot^[2]

Two M.2 2280 PCIe® 4.0 x4 slots

Storage Type

| Disk Type | Interface | Offering |
|--------------|---------------------------|-------------------|
| M.2 2242 SSD | PCIe® NVMe®, PCIe® 4.0 x4 | 512GB / 1TB / 2TB |

Notes:

[1] The storage capacity supported is based on the test results with current Lenovo® storage offerings.

[2] The actual data transfer rate of the following PCIe® interface also depends on the capabilities of the connected PCIe® device. The listed values represent theoretical maximums.

PCIe® 3.0 (x2 / x4): 2 GB/s (16 Gbps) / 4 GB/s (32 Gbps);
 PCIe® 4.0 (x2 / x4): 4 GB/s (32 Gbps) / 8 GB/s (64 Gbps);
 PCIe® 5.0 (x2 / x4): 8 GB/s (64 Gbps) / 16 GB/s (128 Gbps).

Removable Storage

Optical

None

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, audio by HARMAN, optimized with Nahimic Audio

Microphone

Dual-microphone array

Camera

5.0MP, with E-shutter, fixed focus

Battery

Battery

80Wh Rechargeable Li-ion Battery, supports Rapid Charge Pro (charge up to 50% in 30min)

Max Battery Life^[1]

MobileMark® 30@250nits: 10.2 hr
 Local video (1080p) playback@150nits: 12.1 hr

Notes:

[1] All battery life claims are approximate maximum and based on results using the MobileMark® 2014, MobileMark® 2018, MobileMark® 25, MobileMark® 30, JEITA 2.0, JEITA 3.0, continuous 1080p video playback (with 150nits brightness and default volume level) or Google Power Load Test (PLT) battery-life benchmark tests. Actual battery life will vary depending on many factors such as product configuration and usage, software use, wireless functionality, power

management settings, and screen brightness. The maximum capacity of the battery will decrease with time and use.

Power Adapter

Power Adapter

- 245W slim tip (3-pin) AC adapter, 100-240V, 50-60Hz
- No power adapter

Special Features

Special Features

AI Chip: LA1

DESIGN

Display

Display^[1]

| Size | Resolution | Touch | Type | Brightness | Surface | Aspect Ratio | Contrast Ratio | Color Gamut | Refresh Rate | Viewing Angle (L/R/U/D) | Key Features |
|-------|-------------------|-----------|------|---|---------|--------------|----------------|-------------|--------------|-------------------------|--|
| 15.3" | WQXGA (2560x1600) | Non-touch | OLED | 1000nits (HDR peak) / 500nits (SDR typical) | Glossy | 16:10 | 1,000,000:1 | 100% DCI-P3 | 165Hz | 89° / 89° / 89° / 89° | DisplayHDR™ True Black 1000, NVIDIA® G-SYNC®, Advanced Optimus, TÜV Rheinland® Low Blue Light, TÜV Rheinland® Flicker Free, TÜV Rheinland® High Gaming Performance |

Touchscreen

Non-touch

Screen-to-Body Ratio

92% AAR (active area ratio)

Color Calibration

X-Rite® factory color calibration

Notes:

[1] G-SYNC® and Advanced Optimus require the latest NVIDIA® driver.

Input Device

Pen

No support

Keyboard

6-row, multimedia Fn keys, numeric keypad, key travel 1.6mm, cap recess 0.3mm, Copilot key

Keyboard Backlight**

- 1-Zone RGB backlight
- 24-Zone RGB backlight

Touchpad

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)

Mechanical

Dimensions (WxDxH)^{[1][2]}

344 x 244.5 x 18.95-19.95 mm (13.54 x 9.63 x 0.75-0.79 inches)

Weight^[3]

Starting at 1.87 kg (4.12 lbs)

Case Color

Eclipse black

Case Material

Aluminium (top), PC-ABS (bottom)

Surface Treatment

Anodizing sandblasting (top), painting (bottom)

System Lighting

No system lighting

Notes:

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

[2] The height does not include the bump 1.45mm.

[3] 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

WLAN + Bluetooth®^[1]**

- Wi-Fi® 6, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3, M.2 card
- Wi-Fi® 7, 802.11be 2x2 Wi-Fi® + Bluetooth® 5.4, M.2 card

WWAN

No support

Ethernet

Gigabit Ethernet, 1x RJ-45

Notes:

[1] Wi-Fi® operation (including Wi-Fi® 6, Wi-Fi® 6E, Wi-Fi® 7, etc.) is subject to the regulatory requirements of each country. Bluetooth® may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.

Ports

Standard Ports^[1]

- 2x USB-A (USB 5Gbps)
- 1x USB-A (USB 5Gbps), Always On
- 2x USB-C® (USB4® 40Gbps), with USB PD 65-100W and DisplayPort™ 1.4^[2]
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x Slim tip Power connector

Notes:

[1] The transfer speed of the 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.

[2] Supports Lenovo® protocol for 140W charging but requires a unique Lenovo® adapter for operation.

Docking

Docking

Various docking solutions supported via USB-C®.

For more compatible docking solutions, please visit [Docking for Legion 5 15AHP11](#)

SECURITY & PRIVACY

Security

Security Chip

Firmware TPM 2.0 integrated in SoC

Fingerprint Reader

No fingerprint reader

BIOS Security

- Hard disk password
- Master hard disk password
- Power-on password
- Supervisor password
- User hard disk password
- User password
- Self-healing BIOS
- More BIOS security features, please visit [BIOS Simulator](#)

Other Security

E-shutter

SERVICE

Warranty

Base Warranty**

- 1-year courier or carry-in service
- 1-year courier or carry-in with 2-year system board service (Korea only)
- 2-year (1-yr battery) courier or carry-in service
- 3-year (1-yr battery) courier or carry-in service

ACCESSORIES

Bundled Accessories

Bundled Accessories^[1]

- Anti-Reflection screen protector
- Lenovo® Legion™ M220 Wireless RGB Gaming Mouse
- None

Notes:

[1] For more compatible accessory solutions, please visit [Accessories for Legion 5 15AHP11](#).

OPERATING REQUIREMENTS

Operating Environment

Temperature^[1]

At altitudes up to 2438 m (8,000 ft)
- Operating: 5°C to 35°C (41°F to 95°F)
- Storage: 5°C to 43°C (41°F to 109°F)

Relative Humidity

- Operating: 8% to 95% at wet-bulb temperature 23°C (73°F)
- Storage: 5% to 95% at wet-bulb temperature 27°C (81°F)

Altitude

Maximum altitude (without pressurization): 3048 m (10,000 ft)

Notes:

[1] When you charge the battery, its temperature must be no lower than 10°C (50°F).

CERTIFICATIONS

Green Certifications^[1]

Green Certifications^[2]

- ENERGY STAR® 9.0
- EPEAT™ Gold Registered
- ErP Lot 6/26
- RoHS compliant

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>.

[2] EPEAT™ registration and ENERGY STAR® certification are optional and only available on the models with preloaded OS. Please visit epeat.net and energystar.gov for more information.

Other Certifications

Other Certifications

- Pantone® SkinTone™ Validated
- Pantone® Validated
- TÜV Rheinland® Flicker Free
- TÜV Rheinland® High Gaming Performance
- TÜV Rheinland® Low Blue Light (Hardware Solution)

- 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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