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# Informacije o proizvodu (EN)

## LENOVO laptop Legion 5 16IRX9 (83DG003XYA)

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-5-16irx9-83dg003xya-akcija-cena/

## OVERVIEW




| | |
|---|---|
| 1. USB-A (USB 5Gbps) | 6. USB-C (USB 10Gbps), with DP 1.4 |
| 2. USB-A (USB 5Gbps) | 7. USB-C (USB 10Gbps), with PD 140W & DP 1.4 |
| 3. Card reader | 8. Combo audio jack |
| 4. Ethernet (RJ-45) | 9. HDMI |
| 5. USB-A (USB 5Gbps), Always On | 10. Power connector |

# PERFORMANCE

## Processor

**Processor Family**

13th Generation Intel® Core™ i5 / i7 or 14th Generation Intel® Core™ i7 / i9 Processor

**Processor****

| Processor Name | Cores | Threads | Base Frequency | Max Frequency | Cache | Processor Graphics |
|---|---|---|---|---|---|---|
| Core™ i5-13450HX | 10 (6 P-core + 4 E-core) | 16 | P-core 2.4GHz / E-core 1.8GHz | P-core 4.6GHz / E-core 3.4GHz | 20MB | Intel® UHD Graphics |
| Core™ i7-13650HX | 14 (6 P-core + 8 E-core) | 20 | P-core 2.6GHz / E-core 1.9GHz | P-core 4.9GHz / E-core 3.6GHz | 24MB | Intel® UHD Graphics |
| Core™ i7-14650HX | 16 (8 P-core + 8 E-core) | 24 | P-core 2.2GHz / E-core 1.6GHz | P-core 5.2GHz / E-core 3.7GHz | 30MB | Intel® UHD Graphics |
| Core™ i7-14700HX | 20 (8 P-core + 12 E-core) | 28 | P-core 2.1GHz / E-core 1.5GHz | P-core 5.5GHz / E-core 3.9GHz | 33MB | Intel® UHD Graphics |
| Core™ i9-14900HX | 24 (8 P-core + 16 E-core) | 32 | P-core 2.2GHz / E-core 1.6GHz | P-core 5.8GHz / E-core 4.1GHz | 36MB | Intel® UHD Graphics |

## 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 | Key Features |
|---|---|---|---|---|---|
| NVIDIA® GeForce RTX™ 4050 Laptop GPU | Discrete | 6GB GDDR6 | 2370 MHz | 140W | Advanced Optimus, DLSS 3, Dynamic Boost 2.0, DirectX® 12 Ultimate |
| NVIDIA® GeForce RTX™ 4060 Laptop GPU | Discrete | 8GB GDDR6 | 2370 MHz | 140W | Advanced Optimus, DLSS 3, Dynamic Boost 2.0, VR ready, DirectX® 12 Ultimate |
| NVIDIA® GeForce RTX™ 4070 Laptop GPU | Discrete | 8GB GDDR6 | 2175 MHz | 140W | Advanced Optimus, DLSS 3, Dynamic Boost 2.0, VR ready, DirectX® 12 Ultimate |

## Monitor Support

**Monitor Support**

Supports up to 4 independent displays (native display and 3 external monitors via HDMI® and USB-C®)
• HDMI® supports up to 7680x4320@60Hz
• USB-C® supports up to 7680x4320@30Hz

## Chipset

**Chipset**

Intel® HM770 chipset

## Memory

**Max Memory**[1]

- Up to 64GB DDR5-4800
- Up to 64GB DDR5-5600

**Memory Slots**

Two DDR5 SO-DIMM slots, dual-channel capable

**Memory Type****

- DDR5-4800
- DDR5-5600

Notes:

[1] Maximum memory is only to test technical readiness of notebook. Available memory to sell would vary.

## Storage

**Storage Support**[1]

Up to two drives, 2x M.2 SSD
• M.2 2242 SSD up to 512GB
• M.2 2280 SSD up to 1TB

**Storage Slot**

Two M.2 2280 PCIe® 4.0 x4 slots

**Storage Type****

| Disk Type | Interface | Offering |
|---|---|---|
| M.2 2280 SSD | PCIe® NVMe®, PCIe® 4.0 x4 | 512GB / 1TB |
| M.2 2242 SSD | PCIe® NVMe®, PCIe® 4.0 x4 | 512GB |

Notes:

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

## Removable Storage

**Card Reader**

3-in-1 microSD card reader (SD, SDHC, SDXC)

## Multi-Media

**Audio Chip**

High Definition (HD) Audio, Realtek® ALC3287 codec

**Speakers**

Stereo speakers, 2W x2, optimized with Nahimic Audio

**Microphone**

Dual-microphone array

**Camera**

FHD 1080p, with E-shutter, fixed focus

## Battery

**Battery**

Integrated Li-Polymer 80Wh battery, supports Rapid Charge Pro (charge up to 50% in 30min)

**Max Battery Life**[1]

MobileMark® 2018: 5.7 hr
Local video (1080p) playback@150nits: 6.5 hr

Notes:

[1] All battery life claims are approximate maximum and based on results using the MobileMark® 2014, MobileMark® 2018, MobileMark® 25, JEITA 2.0, 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****[1]

- 230W slim tip (3-pin) AC adapter, 100-240V, 50-60Hz
- 300W slim tip (3-pin) AC adapter, 100-240V, 50-60Hz

Notes:

[1] AC adapter offerings depend on the country.

## 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 16″ | WQXGA (2560x1600) | None | IPS | 350nits | Anti-glare | 16:10 | 1200:1 | 100% sRGB | 165Hz | 89°/89°/89°/89° | Dolby® Vision™, NVIDIA® G-SYNC®, Advanced Optimus support, TÜV Low Blue Light |
| 16″ | WQXGA (2560x1600) | None | IPS | 500nits | Anti-glare | 16:10 | 1200:1 | 100% sRGB | 240Hz | 89°/89°/89°/89° | DisplayHDR™ 400, Dolby® Vision™, NVIDIA® G-SYNC®, Advanced Optimus support, TÜV Low Blue Light |

**Color Calibration**

X-Rite® factory color calibration

**Touchscreen**

Non-touch

Notes:

[1] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

## Input Device

**Keyboard**

6-row, multimedia Fn keys, numeric keypad

**Keyboard Backlight**[**]

- 4-Zone RGB backlight
- White backlight

**Touchpad**

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

## Mechanical

**Dimensions (WxDxH)**[1]

359.7 x 262.3 x 19.7-25.2 mm (14.16 x 10.33 x 0.78-0.99 inches)

**Weight**[2]

Around 2.36 kg (5.2 lbs)

**Case Color**

Luna grey

**Surface Treatment**

Aluminium stamping (anodized with sandblasting)

**Case Material**

Aluminium (top), PC-ABS (bottom)

**System Lighting**

No system lighting

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

**Ethernet**[1]

Gigabit Ethernet, 1x RJ-45, supports Wake-on-LAN

**WLAN + Bluetooth®**[2][3]

Wi-Fi® 6E, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.2, M.2 card

Notes:

[1] Wake-on-LAN needs the power adapter plugged in.
[2] Bluetooth® may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.
[3] Wi-Fi® 6E full features might be limited by country-level restrictions.
6GHz Wi-Fi® 6E operation is dependent on the support of the operating system, routers/APs/Gateways that support Wi-Fi® 6E, and the regional regulatory certifications & spectrum allocation.
Bluetooth® 5.3 operation requires Windows® 11. For more information please see General Bluetooth® Support Information on Microsoft®.

## Ports[1]

**Standard Ports**

- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with PD 140W and DisplayPort™ 1.4
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with DisplayPort™ 1.4
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x Card reader
- 1x 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.

# SECURITY & PRIVACY

## Security

**Security Chip**

Firmware TPM 2.0 integrated in chipset

**Fingerprint Reader**

No fingerprint reader

**BIOS Security**

- Administrator password
- Power-on password
- Hard disk password
- Self-healing BIOS

**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
- No base warranty

# ENVIRONMENTAL

## 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)
- At altitudes above 2438 m (8,000 ft)
  - Maximum temperature when operating under the unpressurized condition: 31.3°C (88°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).

# ACCESSORIES

## Bundled Accessories

**Bundled Accessories**[***][1]

- Lenovo® Legion™ Gaming Speed Mouse Pad M
- Lenovo® Legion™ M300 RGB Gaming Mouse (USB connector)
- None

Notes:

[1] For more compatible accessory solutions, please visit Accessories for Legion 5 16IRX9.

# CERTIFICATIONS

## Green Certifications[1]

**Green Certifications**

- ErP Lot 6
- ErP Lot 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.

## Other Certifications

**Other Certifications**

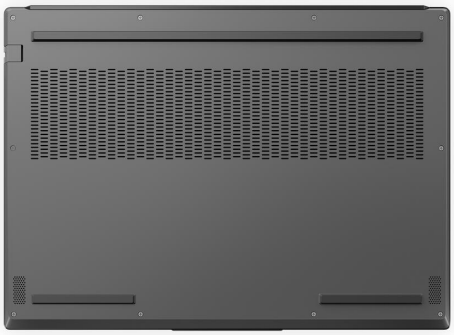
TÜV Rheinland® Low Blue Light (Hardware Solution)

- Feature with ** means that only one offering listed under the feature is configured on selected models.
- Feature with *** means that one or more offerings listed under the feature could be configured on selected models.
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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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