tehnoteka

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# Informacije o proizvodu (EN)

## LENOVO laptop IdeaPad Slim 3 15IAH8 (83EM00BAYA)

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-ideapad-slim-3-15iah8-83em00baya-akcija-cena/

## OVERVIEW




| | |
|---|---|
| 1. Card reader | 5. HDMI |
| 2. USB 3.2 Gen 1 | 6. USB-C 3.2 Gen 1 |
| 3. Power connector | 7. Headphone / microphone combo jack (3.5mm) |
| 4. USB 3.2 Gen 1 | |

# PERFORMANCE

## Processor

**Processor Family**

12th Generation Intel® H-Series Core i5 Processor

**Processor**

| Processor Name | Cores | Threads | Base Frequency | Max Frequency | Cache | Processor Graphics |
|---|---|---|---|---|---|---|
| Core i5-12450H | 8 (4 P-core + 4 E-core) | 12 | P-core 2.0GHz / E-core 1.5GHz | P-core 4.4GHz / E-core 3.3GHz | 12MB | Intel® UHD Graphics |

## Operating System

**Operating System****

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

## Graphics

**Graphics**

| Graphics | Type | Memory | TGP | Key Features |
|---|---|---|---|---|
| Intel® UHD Graphics | Integrated | Shared | Share CPU TDP | DirectX® 12.1 |

## Monitor Support

**Monitor Support**

Supports up to 3 independent displays (native display and 2 external monitors via HDMI® and USB-C®)
• HDMI® supports up to 4K@30Hz
• USB-C® supports up to 4K@60Hz

## Chipset

**Chipset**

Intel® SoC (System on Chip) platform

## Memory

**Max Memory**

- 8GB soldered memory, not upgradable
- 16GB soldered memory, not upgradable

**Memory Slots****

- Memory soldered to systemboard, no slots, single-channel (8GB models)
- Memory soldered to systemboard, no slots, dual-channel (16GB models)

**Memory Type**

LPDDR5-4800

## Storage

**Storage Support**[1]

One drive, up to 1TB M.2 2242 SSD

**Storage Slot**

One M.2 PCIe® 4.0 x4 slot

**Storage Type**

| Disk Type | Interface | Offering |
|---|---|---|
| M.2 2242 SSD | PCIe® NVMe®, PCIe® 4.0 x4 | 256GB / 512GB / 1TB |

Notes:

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

## Removable Storage

**Card Reader**

SD card reader

## Multi-Media

**Audio Chip**

High Definition (HD) Audio

**Speakers**

User-facing stereo speakers, 1.5W x2, optimized with Dolby Audio™

**Microphone**

Dual-microphone array

**Camera****

- FHD 1080p, with privacy shutter, fixed focus
- HD 720p, with privacy shutter, fixed focus

## Battery

**Battery**

Integrated Li-Polymer 47Wh battery, supports Rapid Charge Boost (get 2 hours of runtime with a 15-minute charge)

**Max Battery Life**[1]

MobileMark® 2018@200nits: 7.6 hr
Local video (1080p) playback@150nits: 12 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, 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**

65W round tip (3-pin) AC adapter, 100-240V, 50-60Hz

# DESIGN

## Display

**Display****

| Size | Resolution | Touch | Type | Brightness | Surface | Aspect Ratio | Contrast Ratio | Color Gamut | Viewing Angle (L/R/U/D) |
|---|---|---|---|---|---|---|---|---|---|
| 15.6″ | FHD (1920x1080) | None | TN | 250nits | Anti-glare | 16:9 | 400:1 | 45% NTSC | 45° / 45° / 15° / 35° |
| 15.6″ | FHD (1920x1080) | None | IPS[1] | 300nits | Anti-glare | 16:9 | 800:1 | 45% NTSC | 85° / 85° / 85° / 85° |
| 15.6″ | FHD (1920x1080) | Multi-touch | IPS[2] | 300nits | Anti-glare | 16:9 | 800:1 | 45% NTSC | 85° / 85° / 85° / 85° |

**Touchscreen**

- On-cell multi-touch, supports 10-point touch
- Non-touch

Notes:

[1], [2] 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**

- LED backlight
- Non-backlight

**Touchpad**

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 69 x 104 mm (2.72 x 4.09 inches)

## Mechanical

**Dimensions (WxDxH)**[1]

359.3 x 235 x 17.9 mm (14.15 x 9.25 x 0.70 inches)

**Weight**[2]

Starting at 1.62 kg (3.57 lbs)

**Case Color****

- Abyss blue
- Arctic grey
- Frost blue

**Surface Treatment**

IMR (in-mold decoration by roller)

**Case Material**

PC-ABS (top), PC-ABS (bottom)

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**

No onboard Ethernet

**WLAN + Bluetooth®****

- Wi-Fi® 5, 802.11ac 2x2 Wi-Fi® + Bluetooth® 5.1, M.2 Card
- Wi-Fi® 6, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.2, M.2 card

## Ports[1]

**Standard Ports**

- 2x USB 3.2 Gen 1
- 1x USB-C® 3.2 Gen 1 (support data transfer, Power Delivery and DisplayPort™ 1.2)
- 1x HDMI® 1.4
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Card reader
- 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.

## Docking

### Docking

Various docking solutions supported via USB-C®.
For more compatible docking solutions, please visit Docking for IdeaPad® Slim 3 15IAH8

# SECURITY & PRIVACY

## Security

### Security Chip

Firmware TPM 2.0 integrated in SoC

### Fingerprint Reader

- Touch style fingerprint reader integrated in power button
- No fingerprint reader

### BIOS Security

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

### Other Security

Camera privacy 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***

- Lenovo® 15.6″ laptop casual toploader, polyester, black
- Wireless mouse
- None

# 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)
- 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).

# CERTIFICATIONS

## Green Certifications[1]

**Green Certifications[2]**

- ENERGY STAR® 8.0
- EPEAT™ Silver Registered[3]
- 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. 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.

[3] EPEAT™ is registered where applicable, please visit epeat.net for registration status by country.

## Other Certifications

**Mil-Spec Test**

MIL-STD-810H military test passed (21 test items)

**Other Certifications**

TÜV Rheinland® Low Blue Light (Software Solution)

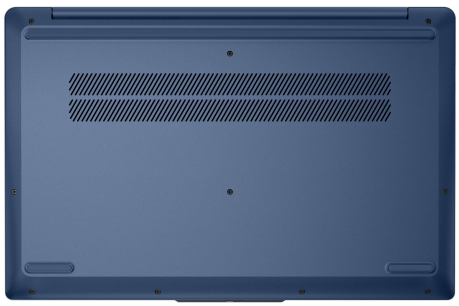
- Feature with ** means that only one offering listed under the feature is configured on selected models.
- Feature with *** means that one or more offerings listed under the feature could be configured on selected models.
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Za najnovije informacije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