

## Informacije o proizvodu (EN)

LENOVO laptop IdeaPad Slim 5 14IAH8 (83BF001XYA)

# 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-5-14iah8-83bf001xya-akcija-cena/>

OVERVIEW



|                                              |                              |
|----------------------------------------------|------------------------------|
| 1. USB-C 3.2 Gen 1                           | 5. microSD card reader       |
| 2. HDMI                                      | 6. USB 3.2 Gen 1             |
| 3. USB-C 3.2 Gen 1                           | 7. USB 3.2 Gen 1 (Always On) |
| 4. Headphone / microphone combo jack (3.5mm) |                              |

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

Graphics

Graphics

| Graphics           | Type       | Memory | Key Features  |
|--------------------|------------|--------|---------------|
| Intel UHD Graphics | Integrated | Shared | 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 1920x1080@60Hz
- USB-C supports up to 3840x2160@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<sup>[1]</sup>

One drive, up to 1TB M.2 2242 SSD or 1TB M.2 2280 SSD

Storage Slot

One M.2 2280 PCIe® 4.0 x4 slot

Storage Type\*\*

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

|              |                        |     |
|--------------|------------------------|-----|
| M.2 2280 SSD | PCIe NVMe, PCIe 4.0 x4 | 1TB |
|--------------|------------------------|-----|

Notes:

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

Removable Storage

Card Reader

microSD card reader

Multi-Media

Audio Chip

High Definition (HD) Audio

Speakers

Stereo speakers, 2W x2, optimized with Dolby® Audio™

Microphone

Dual-microphone array

Camera\*\*

- FHD 1080p + IR, with privacy shutter, fixed focus, with ToF sensor
- FHD 1080p, with privacy shutter, fixed focus

Sensor

Sensors

- (Optional) Ambient light sensor (ALS)
- (Optional) ToF sensor
- Hall sensor

Battery

Battery

Integrated Li-Polymer 56.6Wh battery, supports Rapid Charge Boost (get 2 hours of runtime with a 15-minute charge)

Max Battery Life<sup>[1]</sup>

- IPS models:  
MobileMark® 2018@200nits: 9.98 hr  
Local video (1080p) playback@150nits: 15.3 hr
- OLED models:  
MobileMark 2018@200nits: 8.3 hr  
Local video (1080p) playback@150nits: 11 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\*\*<sup>[1]</sup>

- 65W USB-C (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 65W USB-C slim (wall-mount) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 100W USB-C slim (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz

Notes:

[1] AC adapter offerings depend on the country.

DESIGN

Display

Display\*\*

| Size | Resolution        | Touch | Type               | Brightness | Surface    | Aspect Ratio | Contrast Ratio | Color Gamut | Refresh Rate | Viewing Angle (L/R/U/D) | Key Features                                                   |
|------|-------------------|-------|--------------------|------------|------------|--------------|----------------|-------------|--------------|-------------------------|----------------------------------------------------------------|
| 14"  | WUXGA (1920x1200) | None  | IPS <sup>[1]</sup> | 300nits    | Anti-glare | 16:10        | 1000:1         | 45% NTSC    | 60Hz         | 85°/85°/85°/85°         | TÜV Low Blue Light (Software)                                  |
| 14"  | WUXGA (1920x1200) | None  | OLED               | 400nits    | Glossy     | 16:10        | 100,000:1      | 100% DCI-P3 | 60Hz         | 85°/85°/85°/85°         | TÜV Low Blue Light (Hardware), VESA DisplayHDR™ True Black 500 |
| 14"  | 2.2K (2240x1400)  | None  | IPS <sup>[2]</sup> | 300nits    | Anti-glare | 16:10        | 1500:1         | 100% sRGB   | 60Hz         | 85°/85°/85°/85°         | TÜV Low Blue Light (Hardware)                                  |

Touchscreen

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

Keyboard Backlight

- LED backlight
- Non-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)<sup>[1]</sup>

| Models         | Dimensions                                      |
|----------------|-------------------------------------------------|
| Metal models   | 312 x 221 x 16.9 mm (12.28 x 8.7 x 0.67 inches) |
| Plastic models | 312 x 221 x 17.9 mm (12.28 x 8.7 x 0.7 inches)  |

Weight<sup>[2]</sup>

Starting at 1.46 kg (3.22 lbs)

Case Color\*\*

- Abyss blue
- Cloud grey
- Violet

Surface Treatment

Aluminium stamping (anodized with sandblasting)

Case Material\*\*

- Aluminium (top), PC-ABS (bottom)
- Aluminium (top), aluminium (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<sup>®</sup>\*\*

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

Notes:

[1] Wi-Fi 6 full features might be limited by country-level restrictions.

[2] 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.

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

#### Standard Ports

- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 2x USB-C 3.2 Gen 1 (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
- 1x HDMI 1.4b
- 1x Headphone / microphone combo jack (3.5mm)
- 1x microSD card reader

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<sup>®</sup> 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 are supported via USB-C.

For more compatible docking solutions, please visit [Docking for IdeaPad® Slim 5 14IAH8](#)

## SECURITY & PRIVACY

### Security

#### Security Chip

Firmware TPM 2.0 integrated in SoC

#### Fingerprint Reader

- Touch style fingerprint reader on palm rest
- No fingerprint reader

#### BIOS Security

- Administrator password
- User password
- Master hard disk password
- User hard disk password
- Self-healing BIOS

#### Other Security

- Camera privacy shutter
- (Optional) IR camera for Windows Hello

## 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

## ENVIRONMENTAL

### Operating Environment

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

- 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)

#### Humidity

- Operating: 8% to 95% at wet-bulb temperature 23°C (73°F)
- Storage and transportation: 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<sup>[1]</sup>

None

#### Notes:

[1] For more compatible accessory solutions, please visit [Accessories for IdeaPad Slim 5 14IAH8](#).

## CERTIFICATIONS

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

#### Green Certifications

- (Optional) ENERGY STAR® 8.0
- (Optional) EPEAT™ Gold Registered<sup>[2]</sup>
- 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.

[2] EPEAT is registered where applicable, please see <https://www.epeat.net> for registration status by country.

### Other Certifications

#### Mil-Spec Test

MIL-STD-810H military test passed (20 test items)

#### Other Certifications

- (Optional) TÜV Rheinland® Low Blue Light (Hardware Solution)

- (Optional) TÜV Rheinland Low Blue Light (Software Solution)
- TÜV Rheinland Flicker Free

- Feature with \*\* means that only one offering listed under the feature is configured on selected models.
- Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. LENOVO PROVIDES THIS PUBLICATION “AS IS,” WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some jurisdictions do not allow disclaimer of express or implied warranties in certain transactions, therefore this disclaimer may not apply to you.
- The specifications on this page may not be available in all regions, and may be changed or updated without notice.



Ovaj dokument je originalno proizveden i objavljen od strane proizvođača, brenda Lenovo, i preuzet je sa njihove zvanične stranice. S obzirom na ovu činjenicu, Tehnoteka ističe da ne preuzima odgovornost za tačnost, celovitost ili pouzdanost informacija, podataka, mišljenja, saveta ili izjava sadržanih u ovom dokumentu.

Napominjemo da Tehnoteka nema ovlašćenje da izvrši bilo kakve izmene ili dopune na ovom dokumentu, stoga nismo odgovorni za eventualne greške, propuste ili netačnosti koje se mogu naći unutar njega. Tehnoteka ne odgovara za štetu nanесenu korisnicima pri upotrebi netačnih podataka. Ukoliko imate dodatna pitanja o proizvodu, ljubazno vas molimo da kontaktirate direktno proizvođača kako biste dobili sve detaljne informacije.

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:

<https://tehnoteka.rs/p/lenovo-laptop-ideapad-slim-5-14iah8-83bf001xya-akcija-cena/>