

## Informacije o proizvodu (EN)

LENOVO laptop ThinkBook 15 G4 ABA (21DL0043YA)

# Lenovo

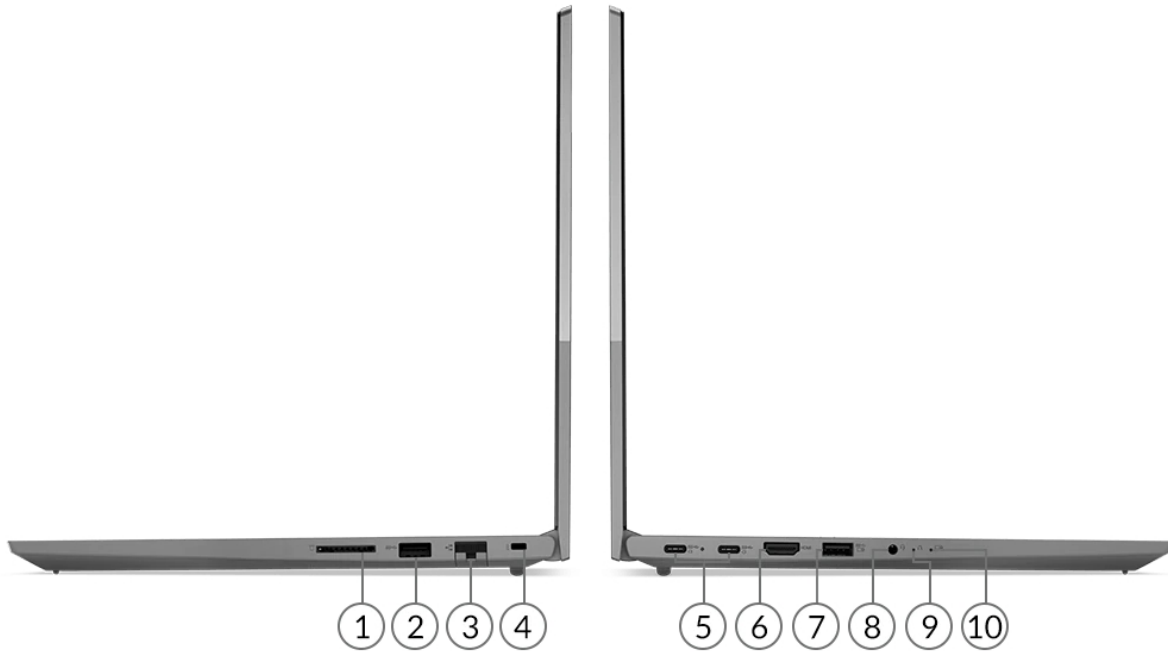


Tehnoteka je online destinacija za upoređivanje cena i karakteristika bele tehnike, potrošačke elektronike i IT uređaja kod trgovinskih lanaca i internet prodavnica u Srbiji. Naša stranica vam omogućava da istražite najnovije informacije, detaljne karakteristike i konkurentne cene proizvoda.

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

<https://tehnoteka.rs/p/lenovo-laptop-thinkbook-15-g4-aba-21dl0043ya-akcija-cena/>

## OVERVIEW



1. Card reader	6. HDMI
2. USB 3.2 Gen 1	7. USB 3.2 Gen 1 (Always On)
3. Ethernet (RJ-45)	8. Headphone / microphone combo jack (3.5mm)
4. Kensington Nano Security Slot	9. NOVO button hole
5. 2x USB-C 3.2 Gen 2	10. Battery light

## PERFORMANCE

### Processor

#### Processor Family

AMD Ryzen™ 3 / 5 / 7 Processor

#### Processor\*\*

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics
AMD Ryzen 3 5425U	4	8	2.7GHz	4.1GHz	2MB L2 / 8MB L3	AMD Radeon™ Graphics
AMD Ryzen 5 5625U	6	12	2.3GHz	4.3GHz	3MB L2 / 16MB L3	AMD Radeon Graphics
AMD Ryzen 7 5825U	8	16	2.0GHz	4.5GHz	4MB L2 / 16MB L3	AMD Radeon Graphics

### Operating System

#### Operating System\*\*

- Windows® 11 DG Windows 10 Pro 64
- Windows 11 Home
- Windows 11 Home Single Language
- Windows 11 Pro
- No operating system

### Graphics

#### Graphics

Graphics	Type	Memory	TGP	Key Features
AMD Radeon Graphics	Integrated	Shared	Share CPU TDP	DirectX® 12

### 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 3840x2160@60Hz
- USB-C supports up to 3840x2160@60Hz

### Chipset

#### Chipset

AMD SoC (System on Chip) platform

### Memory

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

Up to 40GB (8GB soldered + 32GB SO-DIMM) DDR4-3200

#### Memory Slots

One memory soldered to systemboard, one DDR4 SO-DIMM slot, dual-channel capable

#### Memory Type

DDR4-3200

Notes:

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

### Storage

#### Storage Support<sup>[1][2]</sup>

Up to two drives, 2x M.2 SSD

- M.2 2242 SSD up to 1TB
- M.2 2280 SSD up to 1TB

#### Storage Slot

Two M.2 slots

- One M.2 2242 PCIe® 3.0 x4 slot
- One M.2 2280 PCIe 3.0 x4 slot

**Storage Type\*\***

Disk Type	Interface	Offering
M.2 2242 SSD	PCIe NVMe®, PCIe 3.0 x4	128GB / 256GB / 512GB
M.2 2242 SSD	PCIe NVMe, PCIe 4.0 x4 <sup>[3]</sup>	256GB / 512GB / 1TB
M.2 2280 SSD	PCIe NVMe, PCIe 4.0 x4 <sup>[4]</sup>	512GB / 1TB

## Notes:

- [1] The storage capacity supported is based on the test results with current Lenovo® storage offerings.
- [2] The system supports dual SSD via two M.2 slots, but Lenovo only offers one SSD configuration, another SSD slot for user self-extension.
- [3], [4] The SSD with PCIe 4.0x4 is downgraded to closer to PCIe 3.0x4 due to AMD platform limitations.

**Removable Storage****Optical**

None

**Card Reader**

4-in-1 card reader (SD, SDHC, SDXC, MMC)

**Multi-Media****Audio Chip**

High Definition (HD) Audio, Realtek® ALC3287 codec

**Speakers**

Stereo speakers, 2W x2, Dolby® Audio™

**Microphone**

Dual-microphone array with AI-based noise-cancelling, switchable audio modes

**Camera\*\***

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

**Battery****Battery\*\***

- Integrated Li-Polymer 45Wh battery, supports Rapid Charge Pro (charge up to 50% in 30min)
- Integrated Li-Polymer 60Wh battery, supports Rapid Charge (charge up to 80% in 1hr)

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

- Models with 45Wh battery:
  - MobileMark® 2018: 6 hr
  - Local video (1080p) playback@150nits: 8 hr
- Models with 60Wh battery:
  - MobileMark 2018: 8 hr
  - Local video (1080p) playback@150nits: 10 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 (2-pin, wall-mount) 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	Viewing Angle (L/R/U/D)	Key Features
15.6"	FHD (1920x1080)	None	TN	250nits	Anti-glare	16:9	500:1	45% NTSC	45°/45°/15°/35°	-
15.6"	FHD (1920x1080)	None	IPS <sup>[1]</sup>	300nits	Anti-glare	16:9	800:1	45% NTSC	85°/85°/85°/85°	TÜV Low Blue Light
15.6"	FHD (1920x1080)	Multi-touch	IPS <sup>[2]</sup>	300nits	Anti-glare	16:9	800:1	45% NTSC	85°/85°/85°/85°	TÜV Low Blue Light
15.6"	FHD (1920x1080)	None	IPS <sup>[3]</sup>	300nits	Anti-glare	16:9	1200:1	100% sRGB	85°/85°/85°/85°	TÜV Low Blue Light

#### Touchscreen

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

Notes:

[1], [2], [3] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

### Input Device

#### Keyboard

6-row, spill-resistant, multimedia Fn keys, SMB Service Hot key, numeric keypad

#### Keyboard Backlight

- LED backlight
- Non-backlight

#### Touchpad

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 70 x 105 mm (2.76 x 4.13 inches)

### Mechanical

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

357 x 235 x 18.9 mm (14.1 x 9.25 x 0.74 inches)

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

Starting at 1.7 kg (3.75 lbs)

#### Case Color

Mineral grey, dual-tone design

#### Surface Treatment

Anodizing sandblasting

#### Case Material

Aluminium (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<sup>[1]</sup>

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

**WLAN + Bluetooth®\*\*[2]**

- 802.11ac 2x2 Wi-Fi® + Bluetooth 5.1, M.2 card
- Wi-Fi 6, 802.11ax 2x2 Wi-Fi + Bluetooth 5.1, M.2 card<sup>[3]</sup>
- Wi-Fi 6E, 802.11ax 2x2 Wi-Fi + Bluetooth 5.1, M.2 card<sup>[4]</sup>

## Notes:

[1] Wake-on-LAN needs the power adapter plugged in.

[2] Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.

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

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

Wi-Fi 6E is only enabled on Windows 11 and operates as Wi-Fi 6 with Windows 10.

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 Card reader
- 1x Ethernet (RJ-45)
- 1x HDMI 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 2x USB-C 3.2 Gen 2 (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)

## 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 ThinkBook 15 G4 ABA](#)

**SECURITY & PRIVACY****Security****Security Chip**

Firmware TPM 2.0 integrated in SoC

**Physical Locks**

Kensington® Nano Security Slot™, 2.5 x 6 mm

**Fingerprint Reader**

Touch style fingerprint reader integrated in smart power button

**BIOS Security**

- Power-on password
- Supervisor password
- Hard disk password

**Other Security**

Camera privacy shutter

**SERVICE**

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

### Base Warranty\*\*

- 1-year courier or carry-in service
- 2-year (1-yr battery) 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://pcsupport.lenovo.com/warranty>.

## 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: 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

None

## CERTIFICATIONS

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

#### Green Certifications

- (Optional) ENERGY STAR® 8.0
- (Optional) EPEAT™ Gold Registered<sup>[2]</sup>
- (Optional) TCO Certified
- ErP Lot 26
- ErP Lot 6
- 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

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

(Optional) TÜV Rheinland® Low Blue Light (Software Solution)

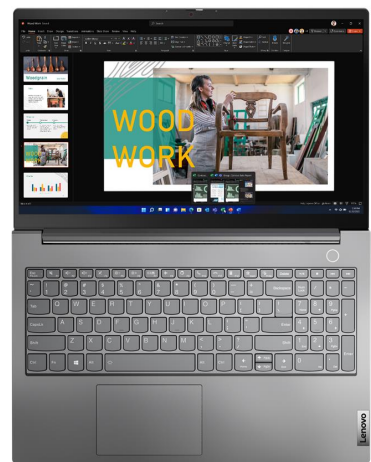
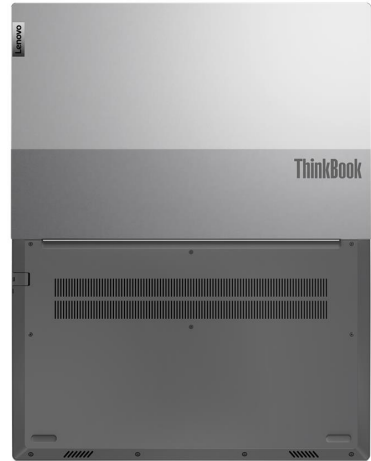
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Notes:

[1] TÜV Rheinland Low Blue Light is Not applicable for TN display.

- Feature with \*\* means that only one offering listed under the feature is 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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