IdeaPad 5 15ARE05 81YQ000MCK

Product
IdeaPad 5 15ARE05

Region
EET

Country/Region
Czech, Slovakia

Machine Type
81YQ

Processor
AMD Ryzen 5 4500U (6C / 6T, 2.3 / 4.0GHz, 3MB L2 / 8MB L3)

Graphics
Integrated AMD Radeon Graphics

Chipset
AMD SoC Platform

Memory
8GB Soldered DDR4-3200

Storage
512GB SSD M.2 2242 PCIe NVMe 3.0x2

Display
15.6" FHD (1920x1080) IPS 300nits Anti-glare, 45% Gamut

Touchscreen
None

Optical
None

Media Reader
4-in-1 Card Reader

Ethernet
None

WLAN + Bluetooth
11ac, 2x2 + BT5.1

Case Material
Aluminum (Top) + PC / ABS (Bottom)

Camera
720p

Microphone
2x, Array

Color
Graphite Grey

Keyboard
Backlit, Czech / Slovak

Fingerprint Reader
Touch Style

TPM
FW TPM 2.0

Battery
Integrated 57Wh

Power Adapter
65W Round Tip

Operating System
Windows 10 Home 64, English / Czech / Slovak

Bundled Software
Office Trial

Base Warranty
2-year, Depot

Bundled Service
None

EAN / UPC / JAN
194778286138

End of Support
2026-05-14

Announce Date
2020-04-13

IdeaPad 5 15ARE05 Platform Specifications

Lenovo

Processor — AMD Ryzen™ Mobile Processors with Radeon™ Graphics

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
Ryzen 3 4300U	4	4	2.7 GHz	3.7 GHz	2MB/L2 4MB/L3	DDR4-3200	AMD Radeon Graphics
Ryzen 5 4500U	6	6	2.3 GHz	4.0 GHz	3MB/L2 8MB/L3		
Ryzen 5 4600U		12	2.1 GHz	4.0 GHz			
Ryzen 7 4700U	8	8	2.0 GHz	4.1 GHz	4MB/L2 8MB/L3		
Ryzen 7 4800U		16	1.8 GHz	4.2 GHz			

Graphics — AMD Radeon Graphics in processor;
supports external digital monitor via HDMI or USB-C;
supports three independent displays;
Max resolution: 3840x2160@30Hz (HDMI); 3840x2160@30Hz (USB-C)

Chipset — AMD SoC (System on Chip) platform
Memory — 4GB, 8GB or 16GB / 3200MHz DDR4, soldered to systemboard,
dual-channel capable (8GB, 16GB only), no socket

Display — *One of the following, configurable by model:*

Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Color Gamut
15.6"	FHD (1920x1080)	TN	Anti-glare	250 nits	16:9	45% NTSC
15.6"	FHD (1920x1080)	IPS	Anti-glare	300 nits	16:9	45% NTSC
15.6"	FHD (1920x1080)	IPS	Anti-glare	300 nits	16:9	100% sRGB

Multi-touch *(opt)* — On-cell touch, support 10-finger gesture

Storage — *Up to 2 drives (one HDD and one M.2 SSD):*
- HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high
- M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2
- M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4

Optical *(optional)* — External DVD burner, 9.5mm high

Ethernet — None

WLAN + Bluetooth™ — *One of the following, configurable by model:*
- 802.11ac 2x2 Wi-Fi + Bluetooth 5.1, M.2 Card
- 802.11ax 2x2 Wi-Fi + Bluetooth 5.1, M.2 Card

Dimensions — *Aluminum bottom model:* 14.04" x 9.18" x 0.67";   356.67mm x 233.13mm x 16.9mm
Plastic bottom model: 14.04" x 9.18" x 0.7";   356.67mm x 233.13mm x 17.9mm
Weight — Starting at 3.66 lb / 1.66 kg
Case color — Graphite grey, light teal or platinum grey
Case material — *Display cover:* Aluminum
Bottom: PC/ABS plastic or Aluminum

Media reader — 4-in-1 media reader (MMC, SD, SDHC, SDXC)
Ports — Two USB 3.2 Gen 1 (one Always on)
one USB 3.2 Type-C Gen 1 (with the function of Power Delivery and DisplayPort),
HDMI 1.4b, 4-in-1 media reader (MMC, SD, SDHC, SDXC),
AC power adapter jack, headphone / microphone combo jack
* Depending on many factors, actual data transfer speed may be lower than theoretical speed

Camera — HD720p, 1.0MP resolution, with privacy shutter, fixed focus, bump camera,
with dual array microphone
Audio support — HD Audio, Dolby Audio™, stereo speakers, 2W x 2,
dual array microphone, headphone / microphone combo jack

Keyboard — 6-row, multimedia Fn keys, numeric keypad, optional LED backlight
Touchpad — Buttonless Mylar surface multi-touch touchpad

Security — Power-on password, hard-disk password, supervisor password
Security chip — Firmware TPM 2.0 integrated in chipset
Fingerprint reader — *Optional:* Touch style fingerprint reader on power button

Battery — Integrated Li-Polymer 45Wh, 57Wh or 70Wh battery,

Battery	Support Rapid charge (charge up to 80% in 1hr)
45Wh	with 65W or 95W AC dapter
57Wh	with 65W or 95W AC dapter
70Wh	with 95W AC adapter

Max battery life — *MobileMark® 2014:* 11.5 hr (45Wh), 14 hr (57Wh) or 17 hr (70Wh)
* Battery life varies significantly with settings, usage, & other factors
AC adapter — 65W round tip / USB-C or 95W USB-C AC adapter

Preload *(optional)* — *Preloaded operating system*
- Windows® 10 Home 64
- Windows 10 Home in S mode
- Windows 10 Pro 64
Preloaded applications (only some listed)
- Microsoft Office Trial (with 30-day license)
- Microsoft Office Home and Student 2019
- Microsoft Office Home and Business 2019
- Microsoft Office Professional 2019
- Microsoft Office Personal 2019
- Microsoft 365 Family
- Microsoft 365 Personal

Limited warranty — *One of the following, configurable by model:*
- 1-year depot repair service
- 1-year depot with 2-year system board repair service
- 2-year/1-yr battery depot repair service

Environment — ENERGY STAR® 8.0; ErP lot3; RoHS-compliant

Note: The specifications above may not be available in all regions.

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