IdeaPad 5 15ARE05 81YQ00FBCK

Product
IdeaPad 5 15ARE05

Region
EET

Country/Region
Czech, Slovakia

Machine Type
81YQ

Processor
AMD Ryzen 7 4700U (8C / 8T, 2.0 / 4.1GHz, 4MB L2 / 8MB L3)

Graphics
Integrated AMD Radeon Graphics

Chipset
AMD SoC Platform

Memory
16GB Soldered DDR4-3200

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

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

Touchscreen
None

Optical
None

Card Reader
4-in-1 Card Reader

Ethernet
None

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

Camera
720p

Microphone
2x, Array

Surface Treatment
Anodizing

Case Color
Platinum Grey

Case Material
Aluminium (Top), Aluminium (Bottom)

Keyboard
Backlit, Czech / Slovak

Fingerprint Reader
Touch Style

Security Chip
Firmware TPM 2.0

Battery
Integrated 57Wh

Power Adapter
65W USB-C

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

Bundled Software
Office Trial

Base Warranty
2-year, Depot

Bundled Service
None

EAN / UPC / JAN
195348800730

End of Support
2026-05-14

Announce Date
2020-09-15

IdeaPad 5 15ARE05 Platform Specifications

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)	WVA	Anti-glare	300 nits	16:9	45% NTSC
15.6"	FHD (1920x1080)	WVA	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, abyss blue
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 PD 3.0 and DP 1.2), 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 hardware configurations, 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 and might change by region.

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