

IdeaPad 5 15ARE05 81YQ007NUS

Product

IdeaPad 5 15ARE05

Region

NA

Country/Region

USA

Machine Type

81YQ

TopSeller

No

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) TN 250nits 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 with Privacy Shutter

Microphone

2x, Array

Surface Treatment

Anodizing

Case Color

Graphite Grey

Case Material

Aluminium (Top), PC / ABS (Bottom)

Keyboard

Backlit, English (US)

Fingerprint Reader

Touch Style

Security Chip

Firmware TPM 2.0

Battery

Integrated 57Wh

Power Adapter

65W Round Tip Wall-mount

Operating System

Windows 10 Home 64, English

Bundled Software

Office Trial

Base Warranty

1-year, Depot

Bundled Service

None

EAN / UPC / JAN

195042947021

End of Support

2026-05-14

Announce Date

2020-05-15

Recommended Services**Best**

3Y Premium Care with Onsite upgrade from 1Y Depot/CCI (5WS0T73723)

Better

3Y Onsite upgrade from 1Y Depot/CCI delivery (5WS0K75721)

Good

3Y Depot/CCI upgrade from 1Y Depot/CCI delivery (5WS0K75704)

Notes:**California Electronic Waste Recycling Fee**

In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to: <https://www.calrecycle.ca.gov/Electronics/Consumer>

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AMD

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IdeaPad 5 15ARE05 Platform Specifications

Product Specifications Reference (PSREF)



Processor	AMD Ryzen™ Mobile Processors with Radeon™ Graphics							Media reader Ports	4-in-1 media reader (MMC, SD, SDHC, SDXC) 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 <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>																												
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Camera																												
	Ryzen 3 4300U	4	4	2.7 GHz	3.7 GHz	2MB/L2 4MB/L3	DDR4-3200	AMD Radeon Graphics	HD720p, 1.0MP resolution, with privacy shutter, fixed focus, bump camera, with dual array microphone																												
	Ryzen 5 4500U	6	6	2.3 GHz	4.0 GHz	3MB/L2 8MB/L3			Audio support	HD Audio, Dolby Audio™, stereo speakers, 2W x 2, dual array microphone, headphone / microphone combo jack																											
	Ryzen 5 4600U		12	2.1 GHz	4.0 GHz				Keyboard Touchpad	6-row, multimedia Fn keys, numeric keypad, optional LED backlight Buttonless Mylar surface multi-touch touchpad																											
	Ryzen 7 4700U	8	8	2.0 GHz	4.1 GHz	4MB/L2 8MB/L3			Security Security chip	Power-on password, hard-disk password, supervisor password Firmware TPM 2.0 integrated in chipset																											
	Ryzen 7 4800U		16	1.8 GHz	4.2 GHz		Fingerprint reader	<i>Optional:</i> Touch style fingerprint reader on power button																													
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)							Battery	Integrated Li-Polymer 45Wh, 57Wh or 70Wh battery, <table border="1"> <tr> <th>Battery</th> <th>Support Rapid charge (charge up to 80% in 1hr)</th> </tr> <tr> <td>45Wh</td> <td>with 65W or 95W AC dapter</td> </tr> <tr> <td>57Wh</td> <td>with 65W or 95W AC dapter</td> </tr> <tr> <td>70Wh</td> <td>with 95W AC adapter</td> </tr> </table>	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																				
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Chipset Memory	AMD SoC (System on Chip) platform 4GB, 8GB or 16GB / 3200MHz DDR4, soldered to systemboard, dual-channel capable (8GB, 16GB only), no socket							Max battery life	<i>MobileMark® 2014:</i> 11.5 hr (45Wh), 14 hr (57Wh) or 17 hr (70Wh) <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>																												
Display	One of the following, configurable by model: <table border="1"> <thead> <tr> <th>Size</th> <th>Resolution</th> <th>Type</th> <th>Surface</th> <th>Brightness</th> <th>Aspect Ratio</th> <th>Color Gamut</th> </tr> </thead> <tbody> <tr> <td>15.6"</td> <td>FHD (1920x1080)</td> <td>TN</td> <td>Anti-glare</td> <td>250 nits</td> <td>16:9</td> <td>45% NTSC</td> </tr> <tr> <td>15.6"</td> <td>FHD (1920x1080)</td> <td>WVA</td> <td>Anti-glare</td> <td>300 nits</td> <td>16:9</td> <td>45% NTSC</td> </tr> <tr> <td>15.6"</td> <td>FHD (1920x1080)</td> <td>WVA</td> <td>Anti-glare</td> <td>300 nits</td> <td>16:9</td> <td>100% sRGB</td> </tr> </tbody> </table>							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	AC adapter	65W round tip / USB-C or 95W USB-C AC adapter
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Multi-touch (opt)	On-cell touch, support 10-finger gesture							Preload (optional)	<i>Preloaded operating system</i> <ul style="list-style-type: none"> Windows® 10 Home 64 Windows 10 Home in S mode Windows 10 Pro 64 <i>Preloaded applications (only some listed)</i> <ul style="list-style-type: none"> 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 																												
Storage	Up to 2 drives (one HDD and one M.2 SSD): <ul style="list-style-type: none"> 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 							Limited warranty	One of the following, configurable by model: <ul style="list-style-type: none"> 1-year depot repair service 1-year depot with 2-year system board repair service 2-year/1-yr battery depot repair service 																												
Optical (optional)	External DVD burner, 9.5mm high							Environment	ENERGY STAR® 8.0; ErP lot3; RoHS-compliant																												
Ethernet	None																																				
WLAN + Bluetooth™	One of the following, configurable by model: <ul style="list-style-type: none"> 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																																				

Note: The specifications above may not be available in all regions and might change by region.

Lenovo
October 2020

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