

IdeaPad 5 15ARE05 81YQ0009US

Product

IdeaPad 5 15ARE05

Region

NA

Country/Region

USA

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

8GB Soldered DDR4-3200

Storage

512GB SSD M.2 2242 PCIe NVMe 3.0x2

Display

15.6" FHD (1920x1080) TN 250nits Anti-glare

Touchscreen

None

Optical

None

Media Reader

4-in-1 Card Reader

Ethernet

None

WLAN + Bluetooth

11ax, 2x2 + BT5.1

Case Material

Aluminum (Top) + PC / ABS (Bottom)

Camera

720p

Microphone

2x, Array

Color

Platinum Grey

Keyboard

Backlit, English (US)

Fingerprint Reader

Touch Style

TPM

FW TPM 2.0

Battery

Integrated 57Wh

Power Adapter

65W Round Tip

Operating System

Windows 10 Home 64, English

Bundled Software

Office Trial

Base Warranty

1-year, Depot

Bundled Service

None

EAN / UPC / JAN

194778022286

End of Support

2026-04-30

Announce Date

2020-03-30

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 Power Delivery and DisplayPort), 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							
	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)							Camera HD720p, 1.0MP resolution, with privacy shutter, fixed focus, bump camera, with dual array microphone								
Chipset	AMD SoC (System on Chip) platform							Audio support HD Audio, Dolby Audio™, stereo speakers, 2W x 2, dual array microphone, headphone / microphone combo jack								
Memory	4GB, 8GB or 16GB / 3200MHz DDR4, soldered to systemboard, no socket							Keyboard 6-row, multimedia Fn keys, numeric keypad, optional LED backlight								
Display	One of the following, configurable by model:							Touchpad Buttonless Mylar surface multi-touch touchpad								
	Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Color Gamut	Security Power-on password, hard-disk password, supervisor password								
	15.6"	FHD (1920x1080)	TN	Anti-glare	250 nits	16:9	45%	Security chip Firmware TPM 2.0 integrated in chipset								
	15.6"	FHD (1920x1080)	IPS	Anti-glare	300 nits	16:9	45%	Fingerprint reader <i>Optional:</i> Touch style fingerprint reader on power button								
	15.6"	FHD (1920x1080)	IPS	Anti-glare	300 nits	16:9	100%	Battery Integrated Li-ion 45Wh, 57Wh or 70Wh battery,								
Multi-touch (opt)	On-cell touch, support 10-finger gesture							<table border="1"> <tr> <td>Battery</td> <td>Support Rapid charge (charge up to 80% in 1hr)</td> </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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45Wh	with 65W or 95W AC dapter															
57Wh	with 65W or 95W AC dapter															
70Wh	with 95W AC adapter															
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 							Max battery life <i>MobileMark® 2014:</i> 11.5 hr (45Wh), 14 hr (57Wh) or 17 hr (70Wh) <i>* Battery life varies significantly with settings, usage, & other factors</i>								
Optical (optional)	External DVD burner, 9.5mm high							AC adapter 65W round tip or 95W USB-C AC adapter								
Ethernet	None							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 								
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 							Limited warranty <i>One of the following, configurable by model:</i> <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 								
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							Environment ENERGY STAR® 8.0; ErP lot3; RoHS-compliant								
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															

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

Lenovo
March 2020

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