

IdeaPad 5 15ARE05 81YQ00CJGE

Product

IdeaPad 5 15ARE05

Region

WE

Country/Region

Germany

Machine Type

81YQ

Processor

AMD Ryzen 3 4300U (4C / 4T, 2.7 / 3.7GHz, 2MB L2 / 4MB L3)

Graphics

Integrated AMD Radeon Graphics

Chipset

AMD SoC Platform

Memory

8GB 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

Media Reader

4-in-1 Card Reader

Ethernet

None

WLAN + Bluetooth

11ax, 2x2 + BT5.1

Case Material

Aluminium (Top), Aluminium (Bottom)

Camera

720p

Microphone

2x, Array

Surface Treatment

Anodizing

Color

Graphite Grey

Keyboard

Backlit, German

Fingerprint Reader

Touch Style

TPM

FW TPM 2.0

Battery

Integrated 70Wh

Power Adapter

65W USB-C

Operating System

Windows 10 Home 64, German

Bundled Software

Office Trial

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC / JAN

195235901700

End of Support

2026-05-14

Announce Date

2020-08-07



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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	HD720p, 1.0MP resolution, with privacy shutter, fixed focus, bump camera, with dual array microphone								
	Ryzen 3 4300U	4	4	2.7 GHz	3.7 GHz	2MB/L2 4MB/L3	DDR4-3200	AMD Radeon Graphics	Audio support	HD Audio, Dolby Audio™, stereo speakers, 2W x 2, dual array microphone, headphone / microphone combo jack								
	Ryzen 5 4500U	6	6	2.3 GHz	4.0 GHz	3MB/L2 8MB/L3			Keyboard Touchpad	6-row, multimedia Fn keys, numeric keypad, optional LED backlight Buttonless Mylar surface multi-touch touchpad								
	Ryzen 5 4600U		12	2.1 GHz	4.0 GHz	4MB/L2 8MB/L3												
	Ryzen 7 4700U	8	8	2.0 GHz	4.1 GHz				Security	Power-on password, hard-disk password, supervisor password								
	Ryzen 7 4800U		16	1.8 GHz	4.2 GHz	Security chip	Firmware TPM 2.0 integrated in chipset											
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)								Fingerprint reader	<i>Optional:</i> Touch style fingerprint reader on power button								
Chipset	AMD SoC (System on Chip) platform								Battery	Integrated Li-Polymer 45Wh, 57Wh or 70Wh battery,								
Memory	4GB, 8GB or 16GB / 3200MHz DDR4, soldered to systemboard, dual-channel capable (8GB, 16GB only), no socket									<table><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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57Wh	with 65W or 95W AC dapter																	
70Wh	with 95W AC adapter																	
Display	One of the following, configurable by model:								Max battery life	MobileMark® 2014: 11.5 hr (45Wh), 14 hr (57Wh) or 17 hr (70Wh) <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>								
	Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Color Gamut	AC adapter	65W round tip / USB-C or 95W USB-C AC adapter									
	15.6"	FHD (1920x1080)	TN	Anti-glare	250 nits	16:9	45% NTSC	Preload (optional)	Preloaded operating system									
	15.6"	FHD (1920x1080)	WVA	Anti-glare	300 nits	16:9	45% NTSC		- Windows® 10 Home 64 - Windows 10 Home in S mode - Windows 10 Pro 64									
	15.6"	FHD (1920x1080)	WVA	Anti-glare	300 nits	16:9	100% sRGB		Preloaded applications (only some listed)									
Multi-touch (opt)	On-cell touch, support 10-finger gesture									- 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): - 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: 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: 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																	

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

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