

IdeaPad 5 14ARE05 81YM003HGE

Product

IdeaPad 5 14ARE05

Region

WE

Country/Region

Germany

Machine Type

81YM

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 2280 PCIe NVMe

Display

14" FHD (1920x1080) IPS 300nits Anti-glare

Touchscreen

None

Optical

None

Media Reader

4-in-1 Card Reader

Ethernet

None

WLAN + Bluetooth

11ax, 2x2 + BT5.0

Case Material

Aluminium

Camera

720p

Microphone

2x, Array

Color

Platinum Grey

Keyboard

Backlit, German

Fingerprint Reader

Touch Style

TPM

FW TPM 2.0

Battery

Integrated 57Wh

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

195042386301

End of Support

2026-05-20

Announce Date

2020-04-20



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AMD

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IdeaPad 5 14ARE05 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 3.1 Gen 1 (one Always on) one USB 3.1 Type-C Gen 1 (with the function of Power Delivery and DisplayPort), HDMI 1.4b, 4-in-1 media reader (MMC, SD, SDHC, SDXC), headphone / microphone combo jack, round AC power adapter jack (only available on plastic bottom models) <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					
	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)								Security	Power-on password, hard-disk password, supervisor password	
Chipset	AMD SoC (System on Chip) platform 4GB, 8GB or 16GB / 3200MHz DDR4, soldered to systemboard, dual-channel capable (8GB, 16GB only), no sockets								Security chip	Firmware TPM 2.0 integrated in chipset	
Memory									Fingerprint reader	Optional: Touch style fingerprint reader on power button	
Display									One of the following, configurable by model:	Battery	Integrated Li-Polymer 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr), integrated Li-Polymer 57Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W or 95W Type-C AC adapter <i>MobileMark® 2014: 11.5 hr (45Wh) or 14 hr (57Wh)</i> <i>* Battery life varies significantly with settings, usage, & other factors</i>
										Max battery life	
										AC adapter	
	Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Color Gamut				
	14.0"	HD (1366x768)	TN	Anti-glare	250 nits	16:9	45%				
	14.0"	FHD (1920x1080)	TN	Anti-glare	250 nits	16:9	45%				
	14.0"	FHD (1920x1080)	IPS	Anti-glare	300 nits	16:9	45%				
	14.0"	FHD (1920x1080)	IPS	Anti-glare	300 nits	16:9	100%				
Multi-touch	None								Preload (opt)	<i>Preloaded operating system</i> ● Windows® 10 Home 64 ● Windows 10 Home in S mode ● Windows 10 Pro 64 <i>Preloaded applications (only some listed)</i> ● 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	M.2 2242 or 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 (opt)	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 5.0, M.2 Card ● 802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card										
Dimensions	Aluminum bottom model:		12.66" x 8.33" x 0.67"; 321.57mm x 211.59mm x 16.9mm								
	Plastic bottom model:		12.66" x 8.33" x 0.7"; 321.57mm x 211.59mm x 17.9mm								
Weight	Aluminum bottom model:		Starting at 3.04 lb / 1.38 kg								
	Plastic bottom model:		Starting at 3.06 lb / 1.39 kg								
Case color	Graphite grey, light teal or		platinum grey								
Case material	Display cover:		Aluminum								
	Bottom:		Aluminum or PC/ABS plastic								

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