

IdeaPad 5 14ARE05 81YM001JGE

Product

IdeaPad 5 14ARE05

Region

WE

Country/Region

Germany

Machine Type

81YM

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

256GB SSD M.2 2242 PCIe NVMe 3.0x4

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

Aluminum (Top) + PC / ABS (Bottom)

Camera

720p

Microphone

2x, Array

Color

Platinum Grey

Keyboard

Non-backlit, German

Fingerprint Reader

Touch Style

TPM

FW TPM 2.0

Battery

Integrated 57Wh

Power Adapter

65W Round Tip

Operating System

Windows 10 Home in S mode, German

Bundled Software

Office Trial

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC / JAN

194778553117

End of Support

2026-04-30

Announce Date

2020-03-31



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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							
	Ryzen 3 4300U	4	4	2.7 GHz	3.7 GHz	2MB/L2 4MB/L3	DDR4-3200MHz	AMD Radeon Graphics	Camera						
	Ryzen 5 4500U	6	6	2.3 GHz	4.0 GHz	3MB/L2 8MB/L3			HD720p, 1.0MP resolution, with privacy shutter, fixed focus, bump camera, with dual array microphone						
	Ryzen 5 4600U		12	2.1 GHz	4.0 GHz	HD Audio, Dolby Audio™, stereo speakers, 2W x 2, dual array microphone, headphone / microphone combo jack									
	Ryzen 7 4700U	8	8	2.0 GHz	4.1 GHz	4MB/L2 8MB/L3			Keyboard						
	Ryzen 7 4800U		16	1.8 GHz	4.2 GHz	Buttonless Mylar surface multi-touch touchpad									
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								Security chip	Firmware TPM 2.0 integrated in chipset					
Memory	4GB, 8GB or 16GB / 3200MHz DDR4, soldered to systemboard, no sockets								Fingerprint reader	<i>Optional:</i> Touch style fingerprint reader on power button					
Display	One of the following, configurable by model:								Battery	Integrated Li-ion 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr), integrated Li-ion 57Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 95W AC adapter					
	Size	Resolution		Type	Surface	Brightness	Aspect Ratio	Color Gamut	Max battery life						
	14.0"	HD (1366x768)		TN	Anti-glare	250 nits	16:9	45%	<i>MobileMark® 2014:</i> 11.5 hr (45Wh) or 14 hr (57Wh) <i>* Battery life varies significantly with settings, usage, & other factors</i>						
	14.0"	FHD (1920x1080)		TN	Anti-glare	250 nits	16:9	45%	AC adapter						
	14.0"	FHD (1920x1080)		IPS	Anti-glare	300 nits	16:9	45%	<table><tr><th>Models</th><th>AC adapter</th></tr><tr><td>Aluminum bottom model</td><td>65W or 95W USB Type-C AC adapter</td></tr><tr><td>Plastic bottom model</td><td>65W round tip AC adapter</td></tr></table>	Models	AC adapter	Aluminum bottom model	65W or 95W USB Type-C AC adapter	Plastic bottom model	65W round tip AC adapter
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	14.0"	FHD (1920x1080)		IPS	Anti-glare	300 nits	16:9	100%	Preload (opt)						
Multi-touch	None								<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						
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													

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

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