

IdeaPad 5 14ARE05 81YM002NGE

Product

IdeaPad 5 14ARE05

Region

WE

Country/Region

Germany

Machine Type

81YM

Processor

AMD Ryzen 5 4500U (6C / 6T, 2.3 / 4.0GHz, 3MB L2 / 8MB 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

11ac, 2x2 + BT5.0

Case Material

Aluminium

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 USB-C

Operating System

Windows 10 Home 64, German

Bundled Software

Office Trial

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC / JAN

195042164855

End of Support

2026-04-27

Announce Date

2020-03-27



WWW.LENOVO.COM

Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area.

Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors.

Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.



<https://psref.lenovo.com>

Visit psref website for the latest version of Product Specifications Reference.

© Lenovo, 2020. All rights reserved.



AMD

Lenovo™

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 HD Audio, Dolby Audio™ , stereo speakers, 2W x 2, dual array microphone, headphone / microphone combo jack
	Ryzen 3 4300U	4	4	2.7 GHz	3.7 GHz	2MB/L2 4MB/L3	DDR4-3200MHz	AMD Radeon Graphics	Audio support	
	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								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	<i>One of the following, configurable by model:</i>								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	<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"	HD (1366x768)		TN	Anti-glare	250 nits	16:9	45%	AC adapter	
	14.0"	FHD (1920x1080)		TN	Anti-glare	250 nits	16:9	45%		<i>Aluminum bottom model</i> 65W or 95W USB Type-C AC adapter
	14.0"	FHD (1920x1080)		IPS	Anti-glare	300 nits	16:9	45%		<i>Plastic bottom model</i> 65W round tip AC adapter
	14.0"	FHD (1920x1080)		IPS	Anti-glare	300 nits	16:9	100%	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
Multi-touch	None								Limited warranty	<i>One of the following, configurable by model:</i> ● 1-year depot repair service ● 1-year depot with 2-year system board repair service ● 2-year/1-yr battery depot repair service
Storage	M.2 2242 or 2280 SSD / PCIe NVMe, PCIe 3.0 x 4								Environment	ENERGY STAR® 8.0; ErP lot3; RoHS-compliant
Optical (opt)	External DVD burner, 9.5mm high									
Ethernet	None									
WLAN + Bluetooth™	<i>One of the following, configurable by model:</i> ● 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card ● 802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card									
Dimensions	<i>Aluminum bottom model:</i>		12.66" x 8.33" x 0.67"; 321.57mm x 211.59mm x 16.9mm							
	<i>Plastic bottom model:</i>		12.66" x 8.33" x 0.7"; 321.57mm x 211.59mm x 17.9mm							
Weight	<i>Aluminum bottom model:</i>		Starting at 3.04 lb / 1.38 kg							
	<i>Plastic bottom model:</i>		Starting at 3.06 lb / 1.39 kg							
Case color	Graphite grey, light teal or platinum grey									
Case material	<i>Display cover:</i>		Aluminum							
	<i>Bottom:</i>		Aluminum or PC/ABS plastic							

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

Lenovo
March 2020

Lenovo™

IdeaPad 5 14ARE05



AMD



AMD



AMD



AMD



AMD



AMD