

# IdeaPad 5 14ARE05 81YM0049BM

**Product**

IdeaPad 5 14ARE05

**Region**

EET

**Country/Region**

Bulgaria

**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**

512GB SSD M.2 2280 PCIe NVMe

**Display**

14" FHD (1920x1080) IPS 300nits Anti-glare, 45% Gamut

**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**

Light Teal

**Keyboard**

Backlit, Bulgarian

**Fingerprint Reader**

Touch Style

**TPM**

FW TPM 2.0

**Battery**

Integrated 57Wh

**Power Adapter**

95W USB-C

**Operating System**

None

**Bundled Software**

None

**Base Warranty**

2-year, Depot

**Bundled Service**

None

**EAN / UPC / JAN**

195042454765

**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 3.2 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), 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						
	Ryzen 3 4300U	4	4	2.7 GHz	3.7 GHz	2MB/L2 4MB/L3	DDR4-3200	AMD Radeon Graphics	HD720p, 1.0MP resolution, with privacy shutter, fixed focus, bump camera, with dual array microphone						
	Ryzen 5 4500U	6	6	2.3 GHz	4.0 GHz	3MB/L2 8MB/L3			Audio support	HD Audio, Dolby Audio™, stereo speakers, 2W x 2, dual array microphone, headphone / microphone combo jack					
	Ryzen 5 4600U		12	2.1 GHz	4.0 GHz				Keyboard Touchpad	6-row, multimedia Fn keys, optional LED backlight Buttonless Mylar surface multi-touch touchpad					
	Ryzen 7 4700U	8	8	2.0 GHz	4.1 GHz	4MB/L2 8MB/L3			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 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						
Memory	4GB, 8GB or 16GB / 3200MHz DDR4, soldered to systemboard, dual-channel capable (8GB, 16GB only), no sockets							Max battery life	<i>MobileMark® 2014:</i> 11.5 hr (45Wh) or 14 hr (57Wh) <i>* Battery life varies significantly with hardware configurations, settings, usage, &amp; other factors</i>						
Display	<i>One of the following, configurable by model:</i>							AC adapter	<table border="1"> <thead> <tr> <th>Models</th> <th>AC adapter</th> </tr> </thead> <tbody> <tr> <td><i>Aluminum bottom model</i></td> <td>65W or 95W USB Type-C AC adapter</td> </tr> <tr> <td><i>Plastic bottom model</i></td> <td>65W round tip AC adapter</td> </tr> </tbody> </table>	Models	AC adapter	<i>Aluminum bottom model</i>	65W or 95W USB Type-C AC adapter	<i>Plastic bottom model</i>	65W round tip AC adapter
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	Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Color Gamut	Preload (opt)	<p><i>Preloaded operating system</i></p> <ul style="list-style-type: none"> <li>Windows® 10 Home 64</li> <li>Windows 10 Home in S mode</li> <li>Windows 10 Pro 64</li> </ul> <p><i>Preloaded applications (only some listed)</i></p> <ul style="list-style-type: none"> <li>Microsoft Office Trial (with 30-day license)</li> <li>Microsoft Office Home and Student 2019</li> <li>Microsoft Office Home and Business 2019</li> <li>Microsoft Office Professional 2019</li> <li>Microsoft Office Personal 2019</li> <li>Microsoft 365 Family</li> <li>Microsoft 365 Personal</li> </ul>						
	14.0"	HD (1366x768)	TN	Anti-glare	250 nits	16:9	45% NTSC	Limited warranty	<i>One of the following, configurable by model:</i>						
	14.0"	FHD (1920x1080)	TN	Anti-glare	250 nits	16:9	45% NTSC		<ul style="list-style-type: none"> <li>1-year depot repair service</li> <li>1-year depot with 2-year system board repair service</li> <li>2-year/1-yr battery depot repair service</li> </ul>						
	14.0"	FHD (1920x1080)	IPS	Anti-glare	300 nits	16:9	45% NTSC	Environment	ENERGY STAR® 8.0; ErP lot3; RoHS-compliant						
	14.0"	FHD (1920x1080)	IPS	Anti-glare	300 nits	16:9	100% sRGB								
Multi-touch	None														
Storage	M.2 2242 or 2280 SSD / PCIe NVMe, PCIe 3.0 x 4														
Optical (opt)	External DVD burner, 9.5mm high														
Ethernet	None														
WLAN + Bluetooth™	<i>One of the following, configurable by model:</i>														
	<ul style="list-style-type: none"> <li>802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card</li> <li>802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card</li> </ul>														
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  
May 2020

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