

# IdeaPad 5 14ARE05 81YM001AGE

**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**

11ax, 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**

None

**Bundled Software**

None

**Base Warranty**

2-year, Depot

**Bundled Service**

None

**EAN / UPC / JAN**

194778538299

**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	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	6-row, multimedia Fn keys, optional LED backlight
	Ryzen 7 4700U	8	8	2.0 GHz	4.1 GHz	4MB/L2 8MB/L3			Touchpad	Buttonless Mylar surface multi-touch touchpad
	Ryzen 7 4800U		16	1.8 GHz	4.2 GHz		Security	Power-on password, hard-disk password, supervisor password		
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 chip	Firmware TPM 2.0 integrated in chipset	
Chipset	AMD SoC (System on Chip) platform							Fingerprint reader	<i>Optional:</i> Touch style fingerprint reader on power button	
Memory	4GB, 8GB or 16GB / 3200MHz DDR4, soldered to systemboard, no sockets							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 65W or 95W Type-C AC adapter	
Display	<i>One of the following, configurable by model:</i>							Max battery life	<i>MobileMark® 2014:</i> 11.5 hr (45Wh) or 14 hr (57Wh) <i>* Battery life varies significantly with settings, usage, &amp; other factors</i>	
	Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Color Gamut	AC adapter		
	14.0"	HD (1366x768)	TN	Anti-glare	250 nits	16:9	45%	<i>Models</i>	<i>AC adapter</i>	
	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> <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> <i>Preloaded applications (only some listed)</i> <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> </ul>	
Multi-touch	None							Limited warranty	<i>One of the following, configurable by model:</i> <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>	
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> <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.

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