

# IdeaPad 5 15ARE05 81YQ00FCCK

**Product**

IdeaPad 5 15ARE05

**Region**

EET

**Country/Region**

Czech, Slovakia

**Machine Type**

81YQ

**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**

512GB SSD M.2 2280 PCIe 3.0x4 NVMe

**Display**

15.6" FHD (1920x1080) IPS 300nits Anti-glare, 45% NTSC

**Touchscreen**

None

**Optical**

None

**Card Reader**

4-in-1 Card Reader

**Ethernet**

None

**WLAN + Bluetooth**

11ax, 2x2 + BT5.1

**Camera**

720p

**Microphone**

2x, Array

**Surface Treatment**

Anodizing

**Case Color**

Platinum Grey

**Case Material**

Aluminium (Top), Aluminium (Bottom)

**Keyboard**

Backlit, Czech / Slovak

**Fingerprint Reader**

Touch Style

**Security Chip**

Firmware TPM 2.0

**Battery**

Integrated 57Wh

**Power Adapter**

65W USB-C

**Operating System**

Windows 10 Home 64, Czech / Slovak / English

**Bundled Software**

Office Trial

**Base Warranty**

2-year, Depot

**Bundled Service**

None

**EAN / UPC / JAN**

195348804370

**End of Support**

2026-05-14

**Announce Date**

2020-09-16



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AMD

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# IdeaPad 5 15ARE05 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 PD 3.0 and DP 1.2), HDMI 1.4b, 4-in-1 media reader (MMC, SD, SDHC, SDXC), AC power adapter jack, headphone / microphone combo jack <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	DDR4-3200	AMD Radeon Graphics	Camera								
	Ryzen 5 4500U	6	6	2.3 GHz	4.0 GHz	3MB/L2 8MB/L3			Audio support								
	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			Keyboard Touchpad								
	Ryzen 7 4800U		16	1.8 GHz	4.2 GHz		Security Security chip Fingerprint reader										
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)							Battery	Power-on password, hard-disk password, supervisor password Firmware TPM 2.0 integrated in chipset <i>Optional:</i> Touch style fingerprint reader on power button								
Chipset	AMD SoC (System on Chip) platform								Integrated Li-Polymer 45Wh, 57Wh or 70Wh battery,								
Memory	4GB, 8GB or 16GB / 3200MHz DDR4, soldered to systemboard, dual-channel capable (8GB, 16GB only), no socket								<table><tr><th>Battery</th><th>Support Rapid charge (charge up to 80% in 1hr)</th></tr><tr><td>45Wh</td><td>with 65W or 95W AC dapter</td></tr><tr><td>57Wh</td><td>with 65W or 95W AC dapter</td></tr><tr><td>70Wh</td><td>with 95W AC adapter</td></tr></table>	Battery	Support Rapid charge (charge up to 80% in 1hr)	45Wh	with 65W or 95W AC dapter	57Wh	with 65W or 95W AC dapter	70Wh	with 95W AC adapter
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45Wh	with 65W or 95W AC dapter																
57Wh	with 65W or 95W AC dapter																
70Wh	with 95W AC adapter																
Display	One of the following, configurable by model:							Max battery life	<i>MobileMark® 2014:</i> 11.5 hr (45Wh), 14 hr (57Wh) or 17 hr (70Wh) <i>* Battery life varies significantly with hardware configurations, settings, usage, &amp; other factors</i>								
	Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Color Gamut	AC adapter									
	15.6"	FHD (1920x1080)	TN	Anti-glare	250 nits	16:9	45% NTSC	65W round tip / USB-C or 95W USB-C AC adapter									
	15.6"	FHD (1920x1080)	WVA	Anti-glare	300 nits	16:9	45% NTSC	Preload (optional)									
	15.6"	FHD (1920x1080)	WVA	Anti-glare	300 nits	16:9	100% sRGB	Preloaded operating system									
Multi-touch (opt)	On-cell touch, support 10-finger gesture								<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> Preloaded applications (only some listed)								
Storage	Up to 2 drives (one HDD and one M.2 SSD): <ul style="list-style-type: none"><li>• HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high</li><li>• M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2</li><li>• M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4</li></ul>								<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>								
Optical (optional)	External DVD burner, 9.5mm high																
Ethernet	None							Limited warranty	One of the following, configurable by model:								
WLAN + Bluetooth™	One of the following, configurable by model: <ul style="list-style-type: none"><li>• 802.11ac 2x2 Wi-Fi + Bluetooth 5.1, M.2 Card</li><li>• 802.11ax 2x2 Wi-Fi + Bluetooth 5.1, M.2 Card</li></ul>								<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>								
Dimensions	Aluminum bottom model: 14.04" x 9.18" x 0.67"; 356.67mm x 233.13mm x 16.9mm Plastic bottom model: 14.04" x 9.18" x 0.7"; 356.67mm x 233.13mm x 17.9mm							Environment	ENERGY STAR® 8.0; ErP lot3; RoHS-compliant								
Weight	Starting at 3.66 lb / 1.66 kg																
Case color	Graphite grey, light teal or platinum grey, abyss blue																
Case material	Display cover: Aluminum Bottom: PC/ABS plastic or Aluminum																

Note: The specifications above may not be available in all regions and might change by region.

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