

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 Power Delivery and DisplayPort), 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		
	Ryzen 5 4500U	6	6	2.3 GHz	4.0 GHz	3MB/L2 8MB/L3			Camera	
	Ryzen 5 4600U		12	2.1 GHz	4.0 GHz				Audio support	
	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)								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								Battery	
Memory	4GB, 8GB or 16GB / 3200MHz DDR4, soldered to systemboard, dual-channel capable (8GB, 16GB only), no socket								Integrated Li-Polymer 45Wh, 57Wh or 70Wh battery,	
Display	One of the following, configurable by model:									
	Size	Resolution		Type	Surface	Brightness	Aspect Ratio	Color Gamut		
	15.6"	FHD (1920x1080)		TN	Anti-glare	250 nits	16:9	45%		
	15.6"	FHD (1920x1080)		IPS	Anti-glare	300 nits	16:9	45%		
	15.6"	FHD (1920x1080)		IPS	Anti-glare	300 nits	16:9	100%		
Multi-touch (opt)	On-cell touch, support 10-finger gesture								Max battery life	
Storage	Up to 2 drives (one HDD and one M.2 SSD): ● HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high ● M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2 ● M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4								MobileMark® 2014: 11.5 hr (45Wh), 14 hr (57Wh) or 17 hr (70Wh) <i>* Battery life varies significantly with settings, usage, & other factors</i>	
Optical (optional)	External DVD burner, 9.5mm high								AC adapter	
Ethernet	None								65W round tip / USB-C or 95W USB-C AC adapter	
WLAN + Bluetooth™	One of the following, configurable by model: ● 802.11ac 2x2 Wi-Fi + Bluetooth 5.1, M.2 Card ● 802.11ax 2x2 Wi-Fi + Bluetooth 5.1, M.2 Card								Preload (optional)Preloaded operating system	
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								● Windows® 10 Home 64 ● Windows 10 Home in S mode ● Windows 10 Pro 64 Preloaded applications (only some listed) ● 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 ● Microsoft 365 Family ● Microsoft 365 Personal	
Weight	Starting at 3.66 lb / 1.66 kg								Limited warranty	
Case color	Graphite grey, light teal or platinum grey								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	
Case material	Display cover: Aluminum Bottom: PC/ABS plastic or Aluminum								Environment	
									ENERGY STAR® 8.0; ErP lot3; RoHS-compliant	

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

Lenovo
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