

IdeaPad Gaming 3 15ARH05 Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD Ryzen™ Mobile Processors with Radeon™ Graphics							Media reader	None	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Ports	Two USB 3.2 Gen 1, one USB 3.2 Type-C Gen 1, HDMI 2.0, Ethernet (RJ-45), AC power adapter jack, headphone / microphone combo jack <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>
	Ryzen 5 4600H	6	12	3.0 GHz	4.0 GHz	3MB L2 / 8MB L3	DDR4-3200	AMD Radeon Graphics	Bundled Accy	Optional: Lenovo Gaming M100 RGB Mouse (USB connector)
Ryzen 7 4800H	8	16	2.9 GHz	4.2 GHz	4MB L2 / 8MB L3	Camera			720p HD, 1.0MP resolution, privacy shutter, fixed focus, integrated dual array microphone	
Graphics	Integrated Graphics		Discrete Graphics (Memory)				Audio support	HD Audio, Dolby Audio™, stereo speakers, 1.5W x 2, dual array microphone, headphone / microphone combo jack		
	Intel UHD Graphics		NVIDIA® GeForce® GTX 1650 (4GB GDDR6 memory) NVIDIA GeForce GTX 1650 Ti (4GB GDDR6 memory)				Keyboard	6-row, multimedia Fn keys, numeric keypad, blue backlight		
		supports external digital monitor via HDMI; supports dual independent display; Max resolution: 4096x2160@60Hz (HDMI)				Touchpad	Buttonless Mylar surface multi-touch touchpad			
Chipset	AMD SoC (System on Chip) platform							Security	Power-on password, hard disk password, supervisor password	
Memory	16GB max offering / 3200MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets							Security chip	Firmware TPM 2.0 integrated in chipset	
Display	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> 15.6" (396mm) FHD (1920x1080), WVA, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 45% gamut, refresh rate 60Hz 15.6" (396mm) FHD (1920x1080), WVA, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 45% gamut, refresh rate 120Hz 							Fingerprint reader	None	
Multi-touch	None							Battery	Integrated Li-Polymer 45Wh battery, supports Rapid Charge (1 hour 80%)	
Storage	<i>Up to 2 drives (one HDD and M.2 SSD):</i> <ul style="list-style-type: none"> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 4 M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4 							Max battery life	<i>MobileMark 2018:</i> 6.7 hr <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>	
Optical	None							AC adapter	135W slim tip AC adapter	
Ethernet	Gigabit Ethernet connection							Preload (optional)	<i>Preloaded operating system</i> <ul style="list-style-type: none"> Windows® 10 Home 64 Windows 10 Pro 64 <i>Preloaded applications (only some listed)</i> <ul style="list-style-type: none"> Microsoft Office Trial (with 30-day license) Microsoft Office Home and Student 2019 Microsoft Office Home and Business 2019 Microsoft 365 Family Microsoft 365 Personal Microsoft Office Personal 2019 Microsoft Office Professional 2019 	
WLAN	802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card							Limited warranty	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> 1-year mail-in repair service 1-year depot repair service 1-year depot repair with 2-year system board repair service 2-year/1-yr battery depot repair service 	
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter							Environment	ENERGY STAR® 8.0; ErP lot3; RoHS-compliant	
Dimensions	WxDxH: 14.13" x 9.83" x 0.98"; 359mm x 249.6mm x 24.9mm									
Weight	Starting at 4.8 lb / 2.2 kg									
Case color	Chameleon blue or onyx black									
Case material	PC/ABS plastic									

The specifications above may not be available in all regions and might change by regions

Lenovo
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