

IdeaPad Gaming 3 15ARH05 82EY003TCK

Product

IdeaPad Gaming 3 15ARH05

Region

EET

Country/Region

Czech, Slovakia

Machine Type

82EY

Processor

AMD Ryzen 5 4600H (6C / 12T, 3.0 / 4.0GHz, 3MB L2 / 8MB L3)

Graphics

NVIDIA GeForce GTX 1650 Ti 4GB GDDR6

Chipset

AMD SoC Platform

Memory

1x 8GB SO-DIMM DDR4-3200

Storage

512GB SSD M.2 2242 PCIe NVMe 3.0x4

Display

15.6" FHD (1920x1080) IPS 250nits Anti-glare, 60Hz

Touchscreen

None

Optical

None

Media Reader

None

Ethernet

100/1000M

WLAN + Bluetooth

11ac, 2x2 + BT5.0

Bundled Accessories

Lenovo Gaming M100 RGB Mouse

Case Material

PC / ABS

Camera

720p

Microphone

2x, Array

Color

Chameleon Blue

Keyboard

Blue LED Backlit, Czech / Slovak

Fingerprint Reader

None

TPM

FW TPM 2.0

Battery

Integrated 45Wh

Power Adapter

135W Slim Tip

Operating System

Windows 10 Home 64, English / Czech / Slovak

Bundled Software

Office Trial

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC / JAN

195235079973

End of Support

2026-08-20

Announce Date

2020-07-03

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PSREF <https://psref.lenovo.com>

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AMD

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IdeaPad Gaming 3 15ARH05 Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD Ryzen™ Mobile Processors with Radeon™ Graphics							
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
	Ryzen 5 4600H	6	12	3.0 GHz	4.0 GHz	3MB L2 / 8MB L3	DDR4-3200	AMD Radeon Graphics
	Ryzen 7 4800H	8	16	2.9 GHz	4.2 GHz	4MB L2 / 8MB L3		
Graphics	Integrated Graphics		Discrete Graphics (Memory)					
	Intel UHD Graphics		NVIDIA® GeForce® GTX 1650 (4GB GDDR6 memory)					
			NVIDIA GeForce GTX 1650 Ti (4GB GDDR6 memory)					
supports external digital monitor via HDMI; supports dual independent display; Max resolution: 4096x2160 @60Hz (HDMI)								
Chipset	AMD SoC (System on Chip) platform							
Memory	16GB max offering / 3200MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets							
Display	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> 15.6" (396mm) FHD (1920x1080), IPS, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 45% gamut, refresh rate 60Hz 15.6" (396mm) FHD (1920x1080), IPS, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 45% gamut, refresh rate 120Hz 							
Multi-touch	None							
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 							
Optical	None							
Ethernet	Gigabit Ethernet connection							
WLAN	802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card							
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter							
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							
Media reader Ports	None							
Bundled Accy	Two USB 3.1 Gen 1, one USB 3.1 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> Optional: Lenovo Gaming M100 RGB Mouse (USB connector)							
Camera	720p HD, 1.0MP resolution, privacy shutter, fixed focus, integrated dual array microphone							
Audio support	HD Audio, Dolby Audio™, stereo speakers, 1.5W x 2, dual array microphone, headphone / microphone combo jack							
Keyboard Touchpad	6-row, multimedia Fn keys, numeric keypad, blue backlight Buttonless Mylar surface multi-touch touchpad							
Security	Power-on password, hard disk password, supervisor password							
Security chip	Firmware TPM 2.0 integrated in chipset							
Fingerprint reader	None							
Battery	Integrated Li-Polymer 45Wh battery, supports Rapid Charge (1 hour 80%)							
Max battery life	<i>MobileMark 2018: 6.7 hr</i> <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>							
AC adapter	135W slim tip AC adapter							
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 							
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 							
Environment	ENERGY STAR® 8.0; ErP lot3; RoHS-compliant							

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

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