

IdeaPad Gaming 3 15ARH05 82EY001EIX

Product

IdeaPad Gaming 3 15ARH05

Region

WE

Country/Region

Italy

Machine Type

82EY

Processor

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

Graphics

NVIDIA GeForce GTX 1650 4GB GDDR6

Chipset

AMD SoC Platform

Memory

2x 4GB 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

None

Case Material

PC / ABS

Camera

720p

Microphone

2x, Array

Color

Onyx Black

Keyboard

Blue LED Backlit, Italian

Fingerprint Reader

None

TPM

FW TPM 2.0

Battery

Integrated 45Wh

Power Adapter

135W Slim Tip

Operating System

Windows 10 Home 64, English / Italian

Bundled Software

Office Trial

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC / JAN

195042606874

End of Support

2026-08-20

Announce Date

2020-06-25



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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								Media reader Ports	None 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)
	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)						Bundled Accy	720p HD, 1.0MP resolution, privacy shutter, fixed focus, integrated dual array microphone 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)							
	supports external digital monitor via HDMI; supports dual independent display; Max resolution: 4096x2160 @60Hz (HDMI)									
Chipset	AMD SoC (System on Chip) platform								Battery	Integrated Li-Polymer 45Wh battery, supports Rapid Charge (1 hour 80%)
Memory	16GB max offering / 3200MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets								Max battery life	MobileMark 2018: 6.7 hr <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>
Display	One of the following, configurable by model: 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								AC adapter	135W slim tip AC adapter
Multi-touch	None								Preload (optional) <i>Preloaded operating system</i> - Windows® 10 Home 64 - Windows 10 Pro 64 <i>Preloaded applications (only some listed)</i> - 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	
Storage	Up to 2 drives (one HDD and M.2 SSD): - HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high - M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 4								Limited warranty	
Optical	None								One of the following, configurable by model: 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	
Ethernet	Gigabit Ethernet connection								Environment	
WLAN	802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card								ENERGY STAR® 8.0; ErP lot3; RoHS-compliant	
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									

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

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AMD



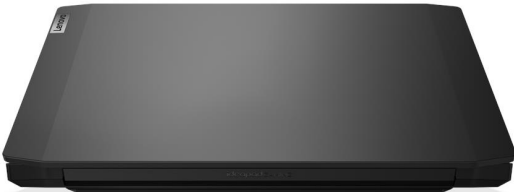
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