

IdeaPad Gaming 3 15ARH05 82EY006MCK

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 4GB GDDR6

Chipset

AMD SoC Platform

Memory

2x 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

None

Case Material

PC / ABS

Camera

720p

Microphone

2x, Array

Color

Onyx Black

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

195235331057

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)					Camera	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								Keyboard Touchpad	6-row, multimedia Fn keys, numeric keypad, blue backlight Buttonless Mylar surface multi-touch touchpad		
Memory	16GB max offering / 3200MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets											
Display	One of the following, configurable by model: <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 60Hz15.6" (396mm) FHD (1920x1080), IPS, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 45% gamut, refresh rate 120Hz								Security Security chip Fingerprint reader	Power-on password, hard disk password, supervisor password Firmware TPM 2.0 integrated in chipset None		
Multi-touch	None											
Storage	Up to 2 drives (one HDD and M.2 SSD): <ul style="list-style-type: none">HDD / SATA 6.0Gb/s, 2.5" wide, 7mm highM.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 4										Battery	Integrated Li-Polymer 45Wh battery, supports Rapid Charge (1 hour 80%) MobileMark 2018: 6.7 hr <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>
Optical	None											
Ethernet	Gigabit Ethernet connection								AC adapter	135W slim tip AC adapter		
WLAN Bluetooth™	802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card 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										Preload (optional) Preloaded operating system <ul style="list-style-type: none">Windows® 10 Home 64Windows 10 Pro 64 Preloaded applications (only some listed) <ul style="list-style-type: none">Microsoft Office Trial (with 30-day license)Microsoft Office Home and Student 2019Microsoft Office Home and Business 2019Microsoft 365 FamilyMicrosoft 365 PersonalMicrosoft Office Personal 2019Microsoft Office Professional 2019	Limited warranty One of the following, configurable by model: <ul style="list-style-type: none">1-year mail-in repair service1-year depot repair service1-year depot repair with 2-year system board repair service2-year/1-yr battery depot repair service
Weight	Starting at 4.8 lb / 2.2 kg											
Case color	Chameleon blue or onyx black											
Case material	PC/ABS plastic											
Environment ENERGY STAR® 8.0; ErP lot3; RoHS-compliant												

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

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