

IdeaPad Gaming 3 15ARH05 82EY006QCK

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 3.0x4 NVMe

Display

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

Touchscreen

None

Optical

None

Card Reader

None

Ethernet

100/1000M

WLAN + Bluetooth

11ac, 2x2 + BT5.0

Bundled Accessories

None

Camera

720p

Microphone

2x, Array

Surface Treatment

IMR

Case Color

Onyx Black

Case Material

PC / ABS

Keyboard

Blue LED Backlit, Czech / Slovak

Fingerprint Reader

None

Security Chip

Firmware TPM 2.0

Battery

Integrated 45Wh

Power Adapter

135W Slim Tip

Operating System

FreeDOS

Bundled Software

None

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC / JAN

195235332320

End of Support

2026-08-20

Announce Date

2020-08-11

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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	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>			
WLAN	802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card							<ul style="list-style-type: none"> Windows® 10 Home 64 Windows 10 Pro 64 			
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter							<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 			
Dimensions	WxDxH: 14.13" x 9.83" x 0.98"; 359mm x 249.6mm x 24.9mm							Limited warranty			
Weight	Starting at 4.8 lb / 2.2 kg							<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 			
Case color	Chameleon blue or onyx black							Environment			
Case material	PC/ABS plastic							ENERGY STAR® 8.0; ErP lot3; RoHS-compliant			

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

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