

IdeaPad Gaming 3 15IMH05 81Y400SNCK

Product

IdeaPad Gaming 3 15IMH05

Region

EET

Country/Region

Czech, Slovakia

Machine Type

81Y4

Processor

Intel Core i7-10750H (6C / 12T, 2.6 / 5.0GHz, 12MB)

Graphics

NVIDIA GeForce GTX 1650 Ti 4GB GDDR6

Chipset

Intel HM470

Memory

2x 8GB SO-DIMM DDR4-2933

Storage

1TB SSD M.2 2280 PCIe NVMe

Display

15.6" FHD (1920x1080) IPS 250nits Anti-glare, 120Hz

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

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

195235797914

End of Support

2026-06-04

Announce Date

2020-07-04

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

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IdeaPad Gaming 3 15IMH05 Platform Specifications

Product Specifications Reference (PSREF)

Processor	10th Generation Intel® Core™ i5 / i7 Processor							Media reader Ports	None
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	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)
	i5-10300H	4	8	2.5 GHz	4.5 GHz	8MB	DDR4-2933	Intel UHD Graphics	
	i7-10750H	6	12	2.6 GHz	5.0 GHz	12MB			
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	Intel HM470 Chipset								
Memory	16GB max offering / 2933MHz 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 M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4 								
Optical	None								
Ethernet	Gigabit Ethernet connection								
WLAN + Bluetooth™	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card 802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card 								
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								
Bundled Accy	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								
	6-row, multimedia Fn keys, numeric keypad, blue backlight								
	Touchpad								
	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								
	MobileMark 2014: 9.7 hr <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>								
	AC adapter								
	135W slim tip AC adapter								
	Preload (optional) Preloaded operating system								
	<ul style="list-style-type: none"> Windows® 10 Home 64 Windows 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 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; GREENGUARD; ErP lot3; RoHS-compliant								

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

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