

IdeaPad Gaming 3 15IMH05 81Y4008HYA

Product

IdeaPad Gaming 3 15IMH05

Region

EET

Country/Region

Serbia

Machine Type

81Y4

Processor

Intel Core i5-10300H (4C / 8T, 2.5 / 4.5GHz, 8MB)

Graphics

NVIDIA GeForce GTX 1650 4GB GDDR6

Chipset

Intel HM470

Memory

2x 4GB SO-DIMM DDR4-2933

Storage

256GB SSD M.2 2242 PCIe 3.0x4 NVMe

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

Surface Treatment

IMR

Color

Chameleon Blue

Keyboard

Blue LED Backlit, Slovenian

Fingerprint Reader

None

TPM

FW 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

195042411669

End of Support

2026-06-04

Announce Date

2020-06-01



WWW.LENOVO.COM

Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area.

Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors.

Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.



<https://psref.lenovo.com>

Visit psref website for the latest version of Product specifications Reference.

© Lenovo, 2020. All rights reserved.



Lenovo™

IdeaPad Gaming 3 15IMH05 Platform Specifications

Product Specifications Reference (PSREF)

Processor	10th Generation Intel® Core™ i5 / i7 Processor								Media reader Ports	None 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> <i>Optional: Lenovo Gaming M100 RGB Mouse (USB connector)</i>
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics		
	i5-10200H	4	8	2.4 GHz	4.1 GHz	8MB	DDR4-2933	Intel UHD Graphics		
	i5-10300H			2.5 GHz	4.5 GHz					
	i7-10750H	6	12	2.6 GHz	5.0 GHz	12MB				
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	Intel HM470 Chipset								Battery	Integrated Li-Polymer 45Wh battery, supports Rapid Charge (1 hour 80%)
Memory	16GB max offering / 2933MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets								Max battery life	<i>MobileMark 2014:</i> 9.7 hr <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>
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 60Hz15.6" (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> <ul style="list-style-type: none">Windows® 10 Home 64Windows 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 2019Microsoft Office Home and Business 2019Microsoft 365 FamilyMicrosoft 365 PersonalMicrosoft Office Personal 2019Microsoft Office Professional 2019
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 highM.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 4M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4								Limited warranty	<i>One of the following, configurable by model:</i> <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
Optical	None								Environment	ENERGY STAR® 8.0; GREENGUARD; ErP lot3; RoHS-compliant
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 Card802.11ax 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									

Lenovo
September 2020

Lenovo™

IdeaPad Gaming 3 15IMH05

Lenovo™

