IdeaPad Gaming 3 15IMH05 81Y4008NYA

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 8GB SO-DIMM DDR4-2933

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

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
None

Bundled Software
None

Base Warranty
2-year, Depot

Bundled Service
None

EAN / UPC / JAN
195042411737

End of Support
2026-06-04

Announce Date
2020-06-01

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IdeaPad Gaming 3 15IMH05 Platform Specifications

Processor	10th Generation Intel® Core™ i5 / i7 Processor							
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
	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 — *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

Multi-touch — None

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
- M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4

Optical — None

Ethernet — Gigabit Ethernet connection

WLAN + Bluetooth™ — *One of the following, configurable by model:*
- 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

Media reader — None
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
* Depending on many factors, actual data transfer speed may be lower than theoretical speed
Bundled Accy — *Optional:* Lenovo Gaming M100 RGB Mouse (USB connector)

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
* Battery life varies significantly with hardware configurations, settings, usage, & other factors
AC adapter — 135W slim tip AC adapter

Preload *(optional)* — *Preloaded operating system*
- Windows® 10 Home 64
- Windows 10 Pro 64

Preloaded applications (only some listed)
- 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 Perfessional 2019

Limited warranty — *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

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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