IdeaPad Gaming 3 15IMH05 81Y400HCFE

Product
IdeaPad Gaming 3 15IMH05

Region
MEA

Country/Region
Emat-FR

Machine Type
81Y4

TopSeller
TopSeller

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

Graphics
NVIDIA GeForce GTX 1650 4GB GDDR6

Chipset
Intel HM470

Memory
1x 8GB SO-DIMM DDR4-2933

Storage
128GB SSD M.2 2242 PCIe 3.0x4 NVMe + 1TB HDD 5400rpm 2.5"

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

Touchscreen
None

Optical
None

Card Reader
None

Ethernet
100/1000M

WLAN + Bluetooth
11ax, 2x2 + BT5.0

Bundled Accessories
Lenovo Gaming M100 RGB Mouse

Camera
720p with Privacy Shutter

Microphone
2x, Array

Surface Treatment
IMR

Case Color
Onyx Black

Case Material
PC / ABS

Keyboard
Blue LED Backlit, French

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
1-year, Depot

Bundled Service
2Y Depot/CCI upgrade from 1Y Depot/CCI delivery (5WS0K75656)

EAN / UPC / JAN
195042664775

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
i5-10200H	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)
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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