

Lenovo Legion 5 15IMH05H 81Y6005MCK

Product

Lenovo Legion 5 15IMH05H

Region

EET

Country/Region

Czech, Slovakia

Machine Type

81Y6

Processor

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

Graphics

NVIDIA GeForce RTX 2060 6GB GDDR6

Chipset

Intel HM470

Memory

2x 8GB SO-DIMM DDR4-2933

Storage

512GB SSD M.2 2280 PCIe NVMe

Display

15.6" FHD (1920x1080) IPS 250nits Anti-glare, 120Hz, 45% Gamut

Touchscreen

None

Optical

None

Media Reader

None

Ethernet

100/1000M

WLAN + Bluetooth

11ax, 2x2 + BT5.0

Bundled Accessories

None

Case Material

PC / ABS

Camera

720p

Microphone

2x, Array

Color

Phantom Black

Keyboard

Backlit, Czech / Slovak

Fingerprint Reader

None

TPM

FW TPM 2.0

Battery

Integrated 60Wh

Power Adapter

230W Slim Tip

Operating System

None

Bundled Software

None

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC / JAN

195042226188

End of Support

2026-05-27

Announce Date

2020-05-18

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Lenovo Legion 5 15IMH05H Platform Specifications

Product Specifications Reference (PSREF)



Processor	10th Generation Intel® Core™ i5 / i7 Processor								Media reader Ports	None Four USB 3.1 Gen 1 (one Always On), one USB 3.1 Type-C Gen 1 (with the function of DisplayPort 1.2), HDMI 2.0, Ethernet (RJ-45), headphone / microphone combo jack, security keyhole, AC power adapter jack <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i> Optional: Lenovo Legion M300 RGB Gaming Mouse (USB connector)
	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				
i7-10875H	8	16	2.3 GHz	5.1 GHz	16MB					
Graphics	Integrated Graphics		Discrete Graphics (Memory)						Camera	720p HD, 1.0MP resolution, privacy shutter, fixed focus, integrated dual array microphone
	Intel UHD Graphics		NVIDIA® GeForce® GTX 1660 Ti (6GB GDDR6 memory), VR ready NVIDIA GeForce RTX 2060 (6GB GDDR6 memory), VR ready							
	supports external digital monitor via HDMI or USB Type-C; supports three independent displays; Max resolution: 4096x2160@60Hz (HDMI); 3840x2160@30Hz (USB Type-C)								Audio support	HD Audio, Realtek ALC3287 codec / Dolby Atmos® for Gaming Certification, Harman speakers, 2W x 2, dual array microphone, headphone / microphone combo jack
Chipset	Intel HM470 Chipset								Keyboard	6-row, multimedia Fn keys, white backlight or 4-Zone RGB LED backlight, numeric keypad, anti-ghost
Memory	16GB max / 2933MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets								Touchpad	Buttonless Mylar surface multi-touch touchpad
Display	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 45% NTSC gamut, refresh rate 120Hz 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 100% sRGB gamut, refresh rate 60Hz 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 100% sRGB gamut, refresh rate 144Hz, Dolby® Vision 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 500 nits, 16:9 aspect ratio, 100% sRGB gamut, refresh rate 240Hz, Dolby Vision 								Security	Power-on password, hard-disk password, supervisor password, security keyhole
Multi-touch	None								Security chip	Firmware TPM 2.0 integrated in chipset
Storage	<i>Up to 2 drives:</i> <ul style="list-style-type: none"> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4 M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 4 								Fingerprint reader	None
Optical	None								Battery	Integrated Li-Polymer 60Wh or 80Wh battery, supports Rapid Charge Pro (30 minutes 50%) <i>MobileMark® 2018: 7.7 hr (80Wh) or 6.8 hr (60Wh)</i> <i>* Battery life varies significantly with settings, usage, & other factors</i>
Ethernet	Gigabit Ethernet connection								Max battery life	230W slim tip AC adapter
WLAN	802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card								AC adapter	230W slim tip AC adapter
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Preload (optional) Preloaded operating system	<ul style="list-style-type: none"> Windows® 10 Home 64 Windows 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 Business 2019 Microsoft Office Home and Student 2019 Microsoft 365 Family Microsoft 365 Personal Microsoft Office Professional 2019 Microsoft Office Personal 2019
Dimensions	WxDxH: 14.3" x 10.22" x 0.93-1.03"; 363.06mm x 259.61mm x 23.57-26.1mm								Limited warranty	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> 1-year depot repair service 1-year depot repair with 2-year system board repair service 2-year/1-yr battery depot repair service
Weight	Starting at 5.42 lb / 2.46 kg								Environment	ErP lot3; RoHS-compliant
Case color	Phantom black									
Case material	PC/ABS plastic									
Lighting	Legion "Y" logo with white backlit on display cover									

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

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