

Lenovo Legion 5P 15IMH05H 82AW0045CK

Product

Lenovo Legion 5P 15IMH05H

Region

EET

Country/Region

Czech, Slovakia

Machine Type

82AW

Processor

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

Graphics

NVIDIA GeForce GTX 1660 Ti 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 300nits Anti-glare, 144Hz, 100% sRGB Gamut, Dolby Vision

Touchscreen

None

Optical

None

Media Reader

None

Ethernet

100/1000M

WLAN + Bluetooth

11ax, 2x2 + BT5.0

Bundled Accessories

None

Case Material

PC / ABS

Camera

None

Microphone

2x, Array

Color

Iron Grey

Keyboard

Backlit, Czech / Slovak

Fingerprint Reader

None

TPM

FW TPM 2.0

Battery

Integrated 80Wh

Power Adapter

230W 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

195042682434

End of Support

2026-05-27

Announce Date

2020-05-02

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Lenovo Legion 5P 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 None Audio support HD Audio, Realtek ALC3287 codec / Dolby Atmos® for Gaming Certification, Harman speakers, 2W x 2, dual array microphone, headphone / microphone combo jack
	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)									
Chipset	Intel HM470 Chipset								Security Power-on password, hard-disk password, supervisor password, security keyhole Security chip Firmware TPM 2.0 integrated in chipset Fingerprint reader None
Memory	32GB max / 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), 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 								Battery Integrated Li-Polymer 60Wh or 80Wh battery, supports Rapid Charge Pro (30 minutes 50%) Max battery life <i>MobileMark® 2018: 7.7 hr (80Wh) or 6.8 hr (60Wh)</i> <i>* Battery life varies significantly with settings, usage, & other factors</i> AC adapter 230W slim tip AC adapter
Multi-touch	None								
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 								Preload (optional) <i>Preloaded operating system</i> <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 Office Professional 2019 Microsoft Office Personal 2019 Microsoft 365 Personal Microsoft 365 Family
Optical	None								
Ethernet	Gigabit Ethernet connection								
WLAN	802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card								
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter								
Dimensions	<i>WxDxH:</i> 14.3" x 10.22" x 0.93"; 363.06mm x 259.61mm x 23.57mm								
Weight	Starting at 5.07 lb / 2.3 kg								
Case color	Iron grey								
Case material	PC/ABS plastic								
Lighting	Lenovo "Y" logo with white backlit on display cover								
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 								
Environment	ErP lot3; RoHS-compliant								

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

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