

Lenovo Legion 5 17IMH05H 81Y80058GE

Product

Lenovo Legion 5 17IMH05H

Region

WE

Country/Region

Germany

Machine Type

81Y8

Processor

Intel Core i7-10750H (6C / 12T, 2.6 / 5.0GHz, 12MB)

Graphics

NVIDIA GeForce GTX 1660 Ti 6GB GDDR6

Chipset

Intel HM470

Memory

2x 8GB SO-DIMM DDR4-2933

Storage

512GB SSD M.2 2242 PCIe NVMe 3.0x4 + 1TB HDD
5400rpm 2.5"

Display

17.3" FHD (1920x1080) IPS 300nits Anti-glare, 144Hz, 72%
Gamut, Dolby Vision

Touchscreen

None

Optical

None

Media Reader

4-in-1 Card Reader

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, German

Fingerprint Reader

None

TPM

FW TPM 2.0

Battery

Integrated 80Wh

Power Adapter

230W Slim Tip

Operating System

Windows 10 Home 64, German

Bundled Software

Office Trial

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC / JAN

195042941364

End of Support

2026-06-11

Announce Date

2020-05-14

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Lenovo Legion 5 17IMH05H Platform Specifications

Product Specifications Reference (PSREF)



Processor	10th Generation Intel® Core™ i7 Processor								Media reader Ports	4-in-1 media reader (MMC, SD, SDHC, SDXC) 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, 4-in-1 media reader (MMC, SD, SDHC, SDXC), security keyhole, AC power adapter jack <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i> <i>Optional: Lenovo Legion M300 RGB Gaming Mouse (USB connector)</i>
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics		
	i5-10300H	4	8	2.5 GHz	5.5 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)										
Chipset	Intel HM470 Chipset								Keyboard Touchpad	6-row, multimedia Fn keys, white LED backlight, numeric keypad, anti-ghost Buttonless Mylar surface multi-touch touchpad
Memory	16GB max offering / 2933MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets									
Display	One of the following, configurable by model:									
	<ul style="list-style-type: none"> 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% NTSC gamut, refresh rate 60Hz 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% NTSC gamut, refresh rate 144Hz, Dolby® Vision 									
Multi-touch	None									
Storage	Up to 2 drives (one HDD and one M.2 SSD):									
	<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 									
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	WxDxH: 15.7" x 11.41" x 0.96-1.03"; 398.6mm x 290mm x 24.3-26.2mm									
Weight	6.57 lb / 2.98 kg									
Case color	Phantom black									
Case material	PC/ABS plastic									
Lighting	Legion "Y" logo with white backlit on display cover									
Security	Power-on password, hard-disk password, supervisor password, security keyhole									
	Firmware TPM 2.0 integrated in chipset									
Fingerprint reader	None									
Battery	Integrated Li-Polymer 80Wh battery, supports Rapid Charge Pro (30 minutes 50%)									
Max battery life	MobileMark® 2014: 10 hr <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>									
AC adapter	230W slim tip AC adapter									
Preload (optional)	Preloaded operating system									
	<ul style="list-style-type: none"> Windows® 10 Home 64 Windows 10 Pro 64 Preloaded applications (only some listed) <ul style="list-style-type: none"> 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 Professional 2019 									
Limited warranty	One of the following, configurable by model: <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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