

Lenovo Legion 5 17IMH05H 81Y8007PGE

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 RTX 2060 6GB GDDR6

Chipset

Intel HM470

Memory

2x 8GB SO-DIMM DDR4-2933

Storage

512GB SSD M.2 2280 PCIe NVMe

Display

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

Surface Treatment

Painting

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

195235891452

End of Support

2026-06-11

Announce Date

2020-03-10



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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 3.2 Gen 1 (one Always On), one USB 3.2 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 * Depending on many factors, actual data transfer speed may be lower than theoretical speed 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	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 HD Audio, Realtek ALC3287 codec / Dolby Atoms® 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@60Hz (USB Type-C)								Audio support	
Chipset	Intel HM470 Chipset								Keyboard	6-row, multimedia Fn keys, white LED backlight, numeric keypad, anti-ghost
Memory	16GB max offering / 2933MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets								Touchpad	Buttonless Mylar surface multi-touch touchpad
Display	One of the following, configurable by model: 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, WVA, 300 nits, 16:9 aspect ratio, 72% NTSC gamut, refresh rate 60Hz 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, WVA, 300 nits, 16:9 aspect ratio, 72% NTSC gamut, refresh rate 144Hz, 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	Up to 2 drives (one HDD and one M.2 SSD): - 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 80Wh battery, supports Rapid Charge Pro (30 minutes 50%)
Ethernet	Gigabit Ethernet connection								Max battery life	MobileMark® 2014: 10 hr * Battery life varies significantly with hardware configurations, settings, usage, & other factors
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 - 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 Perffessional 2019
Dimensions	WxDxH: 15.7" x 11.41" x 0.96-1.03"; 398.6mm x 290mm x 24.3-26.2mm								Limited warranty	One of the following, configurable by model: 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	6.57 lb / 2.98 kg								Environment	ErP lot3; RoHS-compliant
Case color	Phantom black									
Case material	PC/ABS plastic									

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

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