

Lenovo Legion 5 17IMH05H 81Y8001DGE

Product

Lenovo Legion 5 17IMH05H

Region

WE

Country/Region

Germany

Machine Type

81Y8

TopSeller

TopSeller

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

1TB SSD M.2 2280 PCIe 3.0x4 NVMe

Display

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

Touchscreen

None

Optical

None

Card Reader

4-in-1 Card Reader

Ethernet

100/1000M

WLAN + Bluetooth

11ax, 2x2 + BT5.0

Bundled Accessories

None

Camera

720p with Privacy Shutter

Microphone

2x, Array

Surface Treatment

Painting

Case Color

Phantom Black

Case Material

PC / ABS

Keyboard

Backlit, German

Fingerprint Reader

None

Security Chip

Firmware 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

194778557573

End of Support

2026-06-11

Announce Date

2020-04-27



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Lenovo Legion 5 17IMH05H Platform Specifications

Product Specifications Reference (PSREF)

Processor	10th Generation Intel® Core™ i5 / 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 <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	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	DDR4-3200				
Graphics	Integrated Graphics		Discrete Graphics (Memory)							
	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)								Bundled Accy	
Chipset	Intel HM470 Chipset								Camera	720p HD, 1.0MP resolution, privacy shutter, fixed focus, integrated dual array microphone
Memory	16GB max offering / 3200MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets <i>* Installed memory is actually 3200MHz but run at 2933MHz due to Intel limitation</i>								Audio support	HD Audio, Realtek ALC3287 codec / Dolby Atmos® for Gaming Certification, Harman speakers, 2W x 2, dual array microphone, headphone / microphone combo jack
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								Keyboard	6-row, multimedia Fn keys, white LED backlight, numeric keypad, anti-ghost
Multi-touch	None								Touchpad	Buttonless Mylar surface multi-touch touchpad
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								Security	Power-on password, hard-disk password, supervisor password, security keyhole
Optical	None								Security chip	Firmware TPM 2.0 integrated in chipset
Ethernet	Gigabit Ethernet connection								Fingerprint reader	None
WLAN	802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card								Battery	Integrated Li-Polymer 80Wh battery, supports Rapid Charge Pro (30 minutes 50%)
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Max battery life	MobileMark® 2014: 10 hr <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>
Dimensions	WxDxH: 15.7" x 11.41" x 0.96-1.03"; 398.6mm x 290mm x 24.3-26.2mm								AC adapter	230W slim tip AC adapter
Weight	6.57 lb / 2.98 kg								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 Professional 2019
Case color	Phantom black								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
Case material	PC/ABS plastic								Environment	ErP lot3; RoHS-compliant

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

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