

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)								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 Touchpad	6-row, multimedia Fn keys, white LED backlight, numeric keypad, anti-ghost Buttonless Mylar surface multi-touch touchpad
Memory	16GB max / 2933MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets								Security	Power-on password, hard-disk password, supervisor password, security keyhole
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 60Hz17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% NTSC gamut, refresh rate 144Hz, Dolby® Vision								Security chip	Firmware TPM 2.0 integrated in chipset
Multi-touch	None								Fingerprint reader	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 highM.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 4								Battery	Integrated Li-Polymer 80Wh battery, supports Rapid Charge Pro (30 minutes 50%)
Optical	None								Max battery life	<i>MobileMark® 2014:</i> 10 hr <i>* Battery life varies significantly with settings, usage, & other factors</i>
Ethernet	Gigabit Ethernet connection								AC adapter	230W slim tip AC adapter
WLAN	802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card								Preload (optional)	Preloaded operating system <ul style="list-style-type: none">Windows® 10 Home 64Windows 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 2019Microsoft Office Home and Business 2019Microsoft 365 FamilyMicrosoft 365 PersonalMicrosoft Office Personal 2019Microsoft Office Professional 2019
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								Limited warranty	One of the following, configurable by model: <ul style="list-style-type: none">1-year depot repair service1-year depot repair with 2-year system board repair service2-year/1-yr battery depot repair service
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								Environment	ErP lot3; RoHS-compliant

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

Lenovo
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