

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	<i>One of the following, configurable by model:</i>								Security	Power-on password, hard-disk password, supervisor password, security keyhole
	<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								Security chip	Firmware TPM 2.0 integrated in chipset
Storage	<i>Up to 2 drives (one HDD and one M.2 SSD):</i>								Fingerprint reader	None
	<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								Battery	Integrated Li-Polymer 80Wh battery, supports Rapid Charge Pro (30 minutes 50%)
Ethernet	Gigabit Ethernet connection								Max battery life	<i>MobileMark® 2014: 10 hr</i> <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>
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) <i>Preloaded operating system</i>	
Dimensions	<i>WxDxH: 15.7" x 11.41" x 0.96-1.03"; 398.6mm x 290mm x 24.3-26.2mm</i>								Preloaded applications (only some listed)	
									<ul style="list-style-type: none"> Windows® 10 Home 64 Windows 10 Pro 64 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 	
Weight	6.57 lb / 2.98 kg								Limited warranty	<i>One of the following, configurable by model:</i>
Case color	Phantom black									
Case material	PC/ABS plastic								<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 	
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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