

Lenovo Legion 5 15IMH05H Platform Specifications

Product Specifications Reference (PSREF)

Processor	10th Generation Intel® Core™ i5 / i7 Processor								Media reader Ports	None 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, security keyhole, AC power adapter jack <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i> 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	4.5 GHz	8MB	DDR4-2933	Intel UHD Graphics			
	i7-10750H	6	12	2.6 GHz	5.0 GHz	12MB					
	i7-10870H	8	16	2.2 GHz		16MB					
i7-10875H					2.3 GHz	5.1 GHz					
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)										
Chipset	Intel HM470 Chipset								Camera	720p HD, 1.0MP resolution, privacy shutter, fixed focus, integrated dual array microphone	
Memory	32GB max offering / 2933MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets								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	<i>One of the following, configurable by model:</i>								Keyboard	6-row, multimedia Fn keys, white backlight or 4-Zone RGB LED backlight, numeric keypad, anti-ghost	
	<ul style="list-style-type: none"> 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, WVA, 250 nits, 16:9 aspect ratio, 45% NTSC gamut, refresh rate 120Hz 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, WVA, 300 nits, 16:9 aspect ratio, 100% sRGB gamut, refresh rate 60Hz 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, WVA, 300 nits, 16:9 aspect ratio, 100% sRGB gamut, refresh rate 144Hz, Dolby® Vision 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, WVA, 500 nits, 16:9 aspect ratio, 100% sRGB gamut, refresh rate 240Hz, Dolby Vision 								Touchpad	Buttonless Mylar surface multi-touch touchpad	
	Multi-touch	None								Security	Power-on password, hard-disk password, supervisor password, security keyhole
	Storage	<i>Up to 2 drives:</i>								Security chip	Firmware TPM 2.0 integrated in chipset
Optical	<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 								Fingerprint reader	None	
	Ethernet	Gigabit Ethernet connection								Battery	Integrated Li-Polymer 60Wh or 80Wh battery, supports Rapid Charge Pro (30 minutes 50%)
WLAN	802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card								Max battery life	<i>MobileMark® 2018: 7.7 hr (80Wh) or 6.8 hr (60Wh)</i> <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>	
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter								AC adapter	230W slim tip AC adapter	
Dimensions	<i>WxDxH: 14.3" x 10.22" x 0.93-1.03"; 363.06mm x 259.61mm x 23.57-26.1mm</i>								Preload (optional) Preloaded operating system	<ul style="list-style-type: none"> Windows® 10 Home 64 Windows 10 Pro 64 <i>Preloaded applications (only some listed)</i> <ul style="list-style-type: none"> Microsoft Office Trial (with 30-day license) Microsoft Office Home and Business 2019 Microsoft Office Home and Student 2019 Microsoft 365 Family Microsoft 365 Personal Microsoft Office Professional 2019 Microsoft Office Personal 2019 	
Weight	Starting at 5.42 lb / 2.46 kg										
Case color	Phantom black										
Case material	<i>Display cover: PC/ABS plastic</i> <i>Bottom: PC/ABS plastic</i>								Limited warranty	<i>One of the following, configurable by model:</i>	
									Environment	ErP lot3; RoHS-compliant	

Note: The specifications above may not be available in all regions and might change by regions.

Lenovo
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