

Lenovo Legion 7 15IMH05 Platform Specifications

Product Specifications Reference (PSREF)

Processor	10th Generation Intel® Core™ i5 / i7 / i9 Processor							Dimensions	WxDxH: 14.15" x 10.20" x 0.78"; 359.34mm x 259.04mm x 19.9mm	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Weight	Starting at 4.96 lb / 2.25 kg
	i5-10300H	4	8	2.5 GHz	4.5 GHz	8MB	DDR4-2933	Intel UHD Graphics	Case color	Slate grey
	i7-10750H	6	12	2.6 GHz	5.0 GHz	12MB			Case material	Display cover: Aluminum
	i7-10870H	8	16	2.2 GHz		16MB			Bottom: Aluminum	Lighting
	i7-10875H			2.3 GHz	5.1 GHz					
	i9-10980HK			2.4 GHz	5.3 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								
		NVIDIA GeForce RTX 2070 Max-Q (8GB GDDR6 memory), VR ready								
		NVIDIA GeForce RTX 2070 Super Max-Q (8GB GDDR6 memory), VR ready								
	NVIDIA GeForce RTX 2080 Super Max-Q (8GB GDDR6 memory), VR ready									
	supports external digital monitor via HDMI or USB Type-C; supports three independent displays; Max resolution: 4096x2304@60Hz (HDMI); 4096x2304@60Hz (USB Type-C)									
Chipset	Intel HM470 Chipset									
Memory	i5-10300H or i7-10750H models: 32GB max offering / 2933MHz DDR4 Other models: 32GB max offering / 3200MHz DDR4 All: dual-channel capable, two DDR4 SO-DIMM sockets * System overclocks to support DDR4-3200 for i7-10870H, i7-10875H or i9-10980HK									
Display	One of the following, configurable by model: <ul style="list-style-type: none"> • 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, WVA, 300 nits, 16:9 aspect ratio, 100% sRGB gamut, refresh rate 144Hz • 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, WVA, 500 nits, 16:9 aspect ratio, 100% Adobe RGB gamut, refresh rate 144Hz, DisplayHDR400, Dolby Vision™ • 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, WVA, 500 nits, 16:9 aspect ratio, 100% sRGB gamut, refresh rate 240Hz, DisplayHDR400, Dolby Vision 									
Multi-touch	None									
Storage	Up to 2 drives: M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4									
RAID (optional)	RAID 0 support									
Optical	None									
Ethernet	Gigabit Ethernet connection									
WLAN	802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card									
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter									
Media reader	None									
Ports	One USB 3.2 Gen 1 (Always On), two USB 3.2 Gen 2, one USB 3.2 Type-C Gen 1 (with the function of DisplayPort 1.4), one USB 3.2 Type-C Gen 2 / Thunderbolt 3 (with the function of DP 1.4), HDMI 2.0, Ethernet (RJ-45), headphone / microphone combo jack, security keyhole, AC power adapter jack * Depending on many factors, actual data transfer speed may be lower than theoretical speed									
Camera	720p HD, 1.0MP resolution, privacy shutter, fixed focus									
Audio support	HD Audio, Realtek ALC3306 codec / Dolby Atmos™ speaker system for gaming certification, stereo speakers, 2W x 2, dual array microphone, headphone / microphone combo jack									
Keyboard	6-row, spill-resistant, multimedia Fn keys, numeric keypad, anti-ghost, RGB LED backlight with CORSAIR® iCUE									
Touchpad	Buttonless Mylar surface multi-touch touchpad									
Security	Power-on password, hard-disk password, supervisor password, security keyhole									
Security chip	Firmware TPM 2.0 integrated in chipset									
Fingerprint reader	None									
Battery	Integrated Li-Polymer 80Wh battery, supports Rapid Charge Pro (30 minutes 50%)									
Max battery life	MobileMark® 2018: 7.3 hr * Battery life varies significantly with hardware configurations, settings, usage, & other factors									
AC adapter	230W slim tip AC adapter									
Preload (optional)	Preloaded operating system <ul style="list-style-type: none"> • Windows® 10 Home 64 • Windows 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 Business 2019 • Microsoft Office Home and Student 2019 • Microsoft 365 Family • Microsoft 365 Personal • Microsoft Office Professional 2019 • Microsoft Office Personal 2019 									
Limited warranty	One of the following, configurable by model: <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 									
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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