

# Lenovo Legion 7 15IMHg05 81YU005KMZ

**Product**

Lenovo Legion 7 15IMHg05

**Region**

WE

**Country/Region**

Switzerland

**Machine Type**

81YU

**Processor**

Intel Core i7-10875H (8C / 16T, 2.3 / 5.1GHz, 16MB)

**Graphics**

NVIDIA GeForce RTX 2070 Super Max-Q 8GB GDDR6

**Chipset**

Intel HM470

**Memory**

2x 8GB SO-DIMM DDR4-3200

**Storage**

1TB SSD M.2 2280 PCIe NVMe + 512GB SSD M.2 2280 PCIe NVMe

**RAID**

No

**Display**

15.6" FHD (1920x1080) IPS 300nits Anti-glare, 144Hz, 100% sRGB Gamut

**Touchscreen**

None

**Optical**

None

**Media Reader**

None

**Ethernet**

100/1000M

**WLAN + Bluetooth**

11ax, 2x2 + BT5.0

**Case Material**

Aluminium

**Camera**

720p

**Microphone**

2x, Array

**Color**

Slate Grey

**Keyboard**

RGB LED Backlit, Swiss

**Fingerprint Reader**

None

**TPM**

FW TPM 2.0

**Battery**

Integrated 80Wh

**Power Adapter**

230W Slim Tip

**Operating System**

Windows 10 Home 64, Swiss (EN/FR/DE/IT)

**Bundled Software**

Office Trial

**Base Warranty**

2-year, Depot

**Bundled Service**

None

**EAN / UPC / JAN**

195235093238

**End of Support**

2026-06-29

**Announce Date**

2020-06-25



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# Lenovo Legion 7 15IMHg05 Platform Specifications

Product Specifications Reference (PSREF)

Processor	10th Generation Intel® Core™ i7 / i9 Processor								Media reader Ports None One USB 3.1 Gen 1 (Always On), two USB 3.1 Gen 2, one USB 3.1 Type-C Gen 1 (with the function of DisPlay 1.4), one USB 3.1 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 <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>		
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics			
	i7-10750H	6	12	2.6 GHz	5.0 GHz	12MB	DDR4-2933	Intel UHD Graphics			
	i7-10875H	8	16	2.3 GHz	5.1 GHz	16MB					
i9-10980HK	2.4 GHz			5.3 GHz							
Graphics	Integrated Graphics	Discrete Graphics (Memory)								Camera Audio support	720p HD, 1.0MP resolution, privacy shutter, fixed focus HD Audio, Realtek ALC3306 codec / Dolby Atmos® speaker system for gaming certification, stereo speakers, 2W x 2, dual array microphone, headphone / microphone combo jack
	Intel UHD Graphics	NVIDIA GeForce RTX 2060 (6GB GDDR6 memory), VR ready								Keyboard	6-row, spill-resistant, multimedia Fn keys, numeric keypad, anti-ghost, RGB LED backlight with CORSAIR® iCUE Buttonless Mylar surface multi-touch touchpad
		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									Touchpad	
supports external digital monitor via HDMI or USB Type-C; supports three independent displays; Max resolution: 4096x2304 @60Hz (HDMI); 4096x2304 @60Hz (USB Type-C)										Security Security chip Fingerprint reader	Power-on password, hard-disk password, supervisor password, security keyhole Firmware TPM 2.0 integrated in chipset None
Chipset Memory	Intel HM470 Chipset <i>i9-10980HK or i7-10875H model:</i> 32GB max offering / 3200MHz DDR4 <i>i7-10750H model:</i> 32GB max offering / 2933MHz DDR4 <i>All:</i> dual-channel capable, two DDR4 SO-DIMM sockets <i>* System overlocks to support DDR4-3200 for i7-10875H or i9-10980HK</i>								Battery Max battery life	Integrated Li-Polymer 80Wh battery, supports Rapid Charge Pro (30 minutes 50%) <i>MobileMark® 2014:</i> 6 hr (G-sync mode) or 8 hr (hybrid mode) <i>* Battery life varies significantly with hardware configurations, settings, usage, &amp; other factors</i>	
Display	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"><li>15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 100% sRGB gamut, refresh rate 144Hz, G-Sync®</li><li>15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 500 nits, 16:9 aspect ratio, 100% Adobe RGB gamut, refresh rate 144Hz, DisplayHDR400, Dolby Vision™, G-Sync</li></ul>								AC adapter	230W slim tip AC adapter	
									Preload (optional) Preloaded operating system <ul style="list-style-type: none"><li>Windows® 10 Home 64</li><li>Windows 10 Pro 64</li><li>Preloaded applications (only some listed)<ul style="list-style-type: none"><li>Microsoft Office Trial (with 30-day license)</li><li>Microsoft Office Home and Business 2019</li><li>Microsoft Office Home and Student 2019</li><li>Microsoft 365 Family</li><li>Microsoft 365 Personal</li><li>Microsoft Office Professional 2019</li><li>Microsoft Office Personal 2019</li></ul></li></ul>		
Multi-touch	None								Limited warranty	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"><li>1-year depot repair service</li><li>1-year depot repair with 2-year system board repair service</li><li>2-year/1-yr battery depot repair service</li></ul>	
Storage	Up to 2 drives: M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4								Environment	ErP lot3; RoHS-compliant	
RAID (optional) Optical	RAID 0 support None										
Ethernet	Gigabit Ethernet connection										
WLAN Bluetooth™	802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter										
Dimensions Weight Case color Case material Lighting	WxDxH: 14.15" x 10.20" x 0.78"; 359.34mm x 259.04mm x 19.9mm Starting at 4.96 lb / 2.25 kg Slate grey Aluminum <ul style="list-style-type: none"><li>"Y" Logo RGB lighting on display cover</li><li>RGB lighting on power button</li><li>"U" Strip RGB lighting</li><li>RGB lighting on rear thermal vent</li></ul>										

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

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