

# Lenovo Legion 7 15IMH05 81YT002YBM

**Product**

Lenovo Legion 7 15IMH05

**Region**

EET

**Country/Region**

Bulgaria

**Machine Type**

81YT

**Processor**

Intel Core i7-10750H (6C / 12T, 2.6 / 5.0GHz, 12MB)

**Graphics**

NVIDIA GeForce RTX 2080 Super Max-Q 8GB GDDR6

**Chipset**

Intel HM470

**Memory**

2x 16GB SO-DIMM DDR4-2933

**Storage**

1TB SSD M.2 2280 PCIe NVMe

**RAID**

No

**Display**

15.6" FHD (1920x1080) WVA 500nits Anti-glare, 240Hz, 100% sRGB, HDR400, Dolby Vision

**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, Bulgarian

**Fingerprint Reader**

None

**TPM**

FW TPM 2.0

**Battery**

Integrated 80Wh

**Power Adapter**

230W Slim Tip

**Operating System**

None

**Bundled Software**

None

**Base Warranty**

2-year, Depot

**Bundled Service**

None

**EAN / UPC / JAN**

195042454635

**End of Support**

2026-06-14

**Announce Date**

2020-05-25



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# Lenovo Legion 7 15IMH05 Platform Specifications

Product Specifications Reference (PSREF)

Processor	10th Generation Intel® Core™ i5 / i7 / i9 Processor							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 ● "Y" Logo RGB lighting on display cover ● RGB lighting on power button ● "U" Strip RGB lighting ● RGB lighting on rear thermal vent	
	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				
	i7-10875H	8	16	2.3 GHz	5.1 GHz	16MB				
i9-10980HK	2.4 GHz			5.3 GHz						
Graphics	Integrated Graphics	Discrete Graphics (Memory)							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 DisplayPort 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>
	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								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
Memory	i9-10980HK or i7-10875H model: 32GB max offering / 3200MHz DDR4 Other model: 32GB max offering / 2933MHz DDR4 All: dual-channel capable, two DDR4 SO-DIMM sockets <i>* System overlocks to support DDR4-3200 for i7-10875H or i9-10980HK</i>									
Display	One of the following, configurable by model: ● 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								Keyboard	6-row, spill-resistant, multimedia Fn keys, numeric keypad, anti-ghost, RGB LED backlight with CORSAIR® iCUE Buttonless Mylar surface multi-touch touchpad
Multi-touch	None									
Storage	Up to 2 drives: M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4								Touchpad	Power-on password, hard-disk password, supervisor password, security keyhole
RAID (optional)	RAID 0 support									
Optical	None								Security chip	Firmware TPM 2.0 integrated in chipset
Ethernet	Gigabit Ethernet connection									
WLAN	802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card								Fingerprint reader	None
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter									
									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>
									AC adapter	230W slim tip AC adapter
									Preload (optional)	Preloaded operating system ● Windows® 10 Home 64 ● Windows 10 Pro 64 Preloaded applications (only some listed) ● 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: ● 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.

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