Lenovo Legion 7 15IMHg05 81YU0056FE

Product
Lenovo Legion 7 15IMHg05

Region
MEA

Country/Region
Emat-FR

Machine Type
81YU

TopSeller
TopSeller

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

Graphics
NVIDIA GeForce RTX 2070 Max-Q 8GB GDDR6

Chipset
Intel HM470

Memory
2x 16GB SO-DIMM DDR4-3200

Storage
1TB SSD M.2 2280 PCIe 3.0x4 NVMe

RAID Preset
None

Display
15.6" FHD (1920x1080) IPS 500nits Anti-glare, 144Hz, 100% Adobe RGB, HDR400, Dolby Vision, G-Sync

Touchscreen
None

Optical
None

Card Reader
None

Ethernet
100/1000M

WLAN + Bluetooth
11ax, 2x2 + BT5.0

Camera
720p with Privacy Shutter

Microphone
2x, Array

Surface Treatment
Anodizing Sandblasting

Case Color
Slate Grey

Case Material
Aluminium

Keyboard
RGB LED Backlit, French

Fingerprint Reader
None

Security Chip
Firmware TPM 2.0

Battery
Integrated 80Wh

Power Adapter
230W Slim Tip

Operating System
Windows 10 Home 64, French

Bundled Software
Office Trial

Base Warranty
1-year, Depot

Bundled Service
2Y Depot/CCI upgrade from 1Y Depot/CCI delivery (5WS0K76348)

EAN / UPC / JAN
195042664782

End of Support
2026-06-29

Announce Date
2020-05-27

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Lenovo Legion 7 15IMHg05 Platform Specifications

Product Specifications Reference (PSREF)

Processor

10th Generation Intel® Core™ i7 / i9 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i7-10750H	8	16	2.6 GHz	5.0 GHz	12MB	DDR4-2933	Intel UHD Graphics
i7-10870H			2.2 GHz		16MB	DDR4-3200	
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 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: 32GB max offering / 3200MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets
** Installed memory is actually 3200MHz but may run at 2933MHz due to processor limitation*

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, G-Sync®
- 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™, G-Sync

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

Dimensions: *WxDxH:* 14.15" x 10.20" x 0.78"; 359.34mm x 259.04mm x 19.9mm

Weight: Starting at 4.96 lb / 2.25 kg

Case color: Slate grey

Case material: *Display cover:* Aluminum; *Bottom:* Aluminum

Lighting
- "Y" Logo RGB lighting on display cover
- RGB lighting on power button
- "U" Strip RGB lighting
- RGB lighting on rear thermal vent

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 DisPlay 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 Atoms® 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*

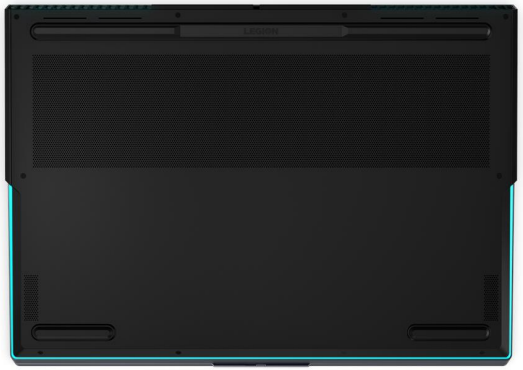
AC adapter: 230W slim tip AC adapter

Preload *(optional)*: *Preloaded operating system*
- 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 and might change by regions.

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