

Lenovo Legion C7 15IMH05 82EH0019BM

Product

Lenovo Legion C7 15IMH05

Region

EET

Country/Region

Bulgaria

Machine Type

82EH

Processor

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

Graphics

NVIDIA GeForce RTX 2070 Max-Q 8GB GDDR6

Chipset

Intel HM470

Memory

2x 8GB SO-DIMM DDR4-2933

Storage

1TB SSD M.2 2280 PCIe NVMe

RAID Preset

None

Display

15.6" FHD (1920x1080) IPS 500nits Anti-glare, 144Hz, 100% Adobe RGB, 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

Surface Treatment

Anodizing Sandblasting

Color

Dark Moss

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

195042577822

End of Support

2026-08-24

Announce Date

2020-07-22



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Lenovo Legion C7 15IMH05 Platform Specifications

Product Specifications Reference (PSREF)

Processor	10th Generation Intel® Core™ i5 / i7 / i9 Processor								Media reader Ports	None 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 <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						
	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)							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® 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								Keyboard	6-row, spill-resistant, multimedia Fn keys, numeric keypad, anti-ghost, RGB LED backlight				
Memory	<i>i9-10980HK or i7-10875H model:</i> 32GB max offering / 3200MHz DDR4 <i>Other 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>													
Display	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™ None													
Multi-touch	None													
Storage	Up to 2 drives: M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4 RAID 0 support, preset on some models None													
RAID									Touchpad	Buttonless Mylar surface multi-touch touchpad				
Optical	None													
Ethernet	Gigabit Ethernet connection													
WLAN	802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card										Security	Power-on password, hard-disk password, supervisor password, security keyhole		
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter												Security chip	Firmware TPM 2.0 integrated in chipset
Dimensions	WxDxH: 14.15" x 10.20" x 0.78"; 359.34mm x 259.04mm x 19.9mm								Fingerprint reader	None				
Weight	Starting at 4.96 lb / 2.25 kg													
Case color	Dark moss													
Case material	Aluminum													
Lighting	• "Y" Logo RGB lighting on display cover • RGB lighting on power button													
										Battery	Integrated Li-Polymer 80Wh battery, supports Rapid Charge Pro (30 minutes 50%)			
										Max battery life	<i>MobileMark® 2014:</i> 8 hr <i>* Battery life varies significantly with settings, usage, & other factors</i>			
										AC adapter	230W slim tip AC adapter			
										Preload (optional)	<i>Preloaded operating system</i> • Windows® 10 Home 64 • Windows 10 Pro 64 <i>Preloaded applications (only some listed)</i> • 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	<i>One of the following, configurable by model:</i> • 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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