Lenovo Legion C7 15IMH05 82EH003NCK

Product
Lenovo Legion C7 15IMH05

Region
EET

Country/Region
Czech, Slovakia

Machine Type
82EH

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 16GB SO-DIMM DDR4-3200

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, Czech / Slovak

Fingerprint Reader
None

TPM
FW TPM 2.0

Battery
Integrated 80Wh

Power Adapter
230W Slim Tip

Operating System
Windows 10 Pro 64, English / Czech / Slovak

Bundled Software
Office Trial

Base Warranty
2-year, Depot

Bundled Service
2Y Premium Care with Onsite upgrade from 2Y Depot/CCI (5WS0T73704)

EAN / UPC / JAN
195348978590

End of Support
2026-08-24

Announce Date
2020-09-27

Lenovo Legion C7 15IMH05 Platform Specifications

Lenovo

| Processor | 10th Generation Intel® Core™ i5 / i7 / i9 Processor |

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		
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	8	16	2.4 GHz	5.3 GHz	16MB		

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	*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
	* System overclocks to support DDR4-3200 for i7-10875H or i9-10980HK

| 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™ |
| Multi-touch | None |

Storage	*Up to 2 drives:*
	M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4
RAID	RAID 0 support, preset on some models
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	Dark moss
Case material	Aluminum
Lighting	● "Y" Logo RGB lighting on display cover
	● RGB lighting on power button

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 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 |
| 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® 2014:* 8 hr
	* Battery life varies significantly with 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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