

Lenovo Legion S7 15IMH5 82BC0059CK

Product

Lenovo Legion S7 15IMH5

Region

EET

Country/Region

Czech, Slovakia

Machine Type

82BC

Processor

Intel Core i5-10300H (4C / 8T, 2.5 / 4.5GHz, 8MB)

Graphics

NVIDIA GeForce RTX 2060 Max-Q 6GB GDDR6

Chipset

Intel HM470

Memory

8GB Soldered DDR4-2933 + 8GB SO-DIMM DDR4-2933

Storage

512GB SSD M.2 2280 PCIe 3.0x4 NVMe

Display

15.6" FHD (1920x1080) IPS 300nits Anti-glare, 144Hz, 100% sRGB, DC dimmer, Dolby Vision

Touchscreen

None

Optical

None

Card Reader

4-in-1 Card Reader

Ethernet

None

WLAN + Bluetooth

Killer AX1650 11ax, 2x2 + BT5.1

Monitor Cable

None

Camera

720p with privacy shutter

Microphone

2x, Array

Surface Treatment

Anodizing

Case Color

Slate Grey

Case Material

Aluminium (Top), Aluminium (Bottom)

Keyboard

RGB LED Backlit, Czech / Slovak

Fingerprint Reader

Touch Style

Security Chip

Firmware TPM 2.0

Battery

Integrated 71Wh

Power Adapter

230W Slim Tip

Operating System

Windows 10 Home 64, Czech / Slovak / English

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

195348978323

End of Support

2026-09-30

Announce Date

2020-12-04

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Lenovo Legion S7 15IMH5 Platform Specifications

Product Specifications Reference (PSREF)

Processor	10th Generation Intel® Core™ i5 / i7 / i9 Processor								Media reader Ports	4-in-1 media reader (MMC, SD, SDHC, SDXC) Two USB 3.2 Gen 2 (one Always On), two USB 3.2 Type-C Gen 2 / Thunderbolt 3 (with the function of DP 1.4 and PD 100W), card reader, headphone / microphone combo jack, AC power adapter jack <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i> <i>Optional: Lenovo Legion USB-C 3-in-1 Hub</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	Bundled Accy Camera Audio support	
	i7-10750H	6	12	2.6 GHz	5.0 GHz	12MB	DDR4-3200			
	i7-10870H	8	16	2.2 GHz	5.1 GHz	16MB				
	i7-10875H			2.3 GHz						
	i9-10980HK			2.4 GHz						5.3 GHz
Graphics	Integrated Graphics	Discrete Graphics (Memory)							Keyboard	6-row, spill-resistant, multimedia Fn keys, numeric keypad, anti-ghost, RGB LED backlight or white backlight Buttonless glass surface multi-touch touchpad
	Intel UHD Graphics	NVIDIA® GeForce® GTX 1650 Ti (4GB GDDR6 memory) NVIDIA GeForce GTX 1660 Ti Max-Q (6GB GDDR6 memory), VR ready NVIDIA GeForce RTX 2060 Max-Q (6GB GDDR6 memory), VR ready								
	supports external digital monitor via USB Type-C; supports three independent displays; Max resolution: 4096x2304@60Hz (USB-C)									
Chipset	Intel HM470 Chipset									
Memory	32GB max offering / 3200MHz DDR4, dual-channel capable, 8GB or 16GB memory soldered to systemboard, one DDR4 SO-DIMM socket <i>* Installed memory is actually 3200MHz but may run at 2933MHz due to processor limitation</i>									
Display	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, DC dimmer, 100% sRGB gamut, refresh rate 60Hz, Dolby Vision™ 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, DC dimmer, 100% sRGB gamut, refresh rate 144Hz, Dolby Vision 15.6" (396mm) UHD (3840x2160), anti-glare, LED backlight, IPS, 500 nits, 16:9 aspect ratio, DC dimmer, 100% Adobe RGB gamut, refresh rate 60Hz, DisplayHDR400, Dolby Vision 									
Multi-touch	None									
Storage	<i>Up to 2 drives:</i> M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4									
Optical	None									
Ethernet	None									
WLAN + Bluetooth™	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> 802.11ax 2x2 Wi-Fi + Bluetooth 5.1, M.2 Card Killer™ Wi-Fi 6 AX1650, Wi-Fi 2x2 802.11ax + Bluetooth 5.1, M.2 Card 									
Dimensions	WxDxH: 14.01" x 9.84" x 0.6-0.7"; 356mm x 250mm x 15.9-17.9mm									
Weight	Starting at 4.1 lbs / 1.86 kg									
Case color	Slate grey, anodizing									
Case material	Display cover: Aluminum; Bottom: Aluminum									
Lighting	<ul style="list-style-type: none"> *Y* Logo white lighting on display cover RGB lighting on power button 									
Media reader Ports	4-in-1 media reader (MMC, SD, SDHC, SDXC) Two USB 3.2 Gen 2 (one Always On), two USB 3.2 Type-C Gen 2 / Thunderbolt 3 (with the function of DP 1.4 and PD 100W), card reader, headphone / microphone combo jack, AC power adapter jack <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i> <i>Optional: Lenovo Legion USB-C 3-in-1 Hub</i>									
Bundled Accy										
Camera	720p HD, 1.0MP resolution, privacy shutter, fixed focus									
Audio support	HD Audio, Realtek ALC3306 codec / Dolby Atmos™ 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 or white backlight Buttonless glass surface multi-touch touchpad									
Touchpad	Buttonless glass surface multi-touch touchpad									
Security	Hard-disk password, supervisor password									
Security chip	Firmware TPM 2.0 integrated in chipset									
Fingerprint reader	Touch style fingerprint reader on power button									
Battery	Integrated Li-Polymer 71Wh battery, supports Rapid Charge Boost (get 2 hours of runtime with a 15-minute charge)									
Max battery life	MobileMark™ 2018: 5.8 hr <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>									
AC adapter	170W or 230W slim tip AC adapter									
Preload (optional)	Preloaded operating system <ul style="list-style-type: none"> Windows® 10 Home 64 Windows 10 Pro 64 Preloaded applications (only some listed) <ul style="list-style-type: none"> 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> <ul style="list-style-type: none"> 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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