Lenovo Legion S7 15IMH5 82BC0058CK

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 GTX 1650 Ti 4GB 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

Media Reader
4-in-1 Card Reader

Ethernet
None

WLAN + Bluetooth
Killer AX1650 11ax, 2x2 + BT5.1

Monitor Cable
None

Case Material
Aluminium (Top), Aluminium (Bottom)

Camera
720p

Microphone
2x, Array

Surface Treatment
Anodizing

Color
Slate Grey

Keyboard
Backlit, Czech / Slovak

Fingerprint Reader
Touch Style

TPM
FW TPM 2.0

Battery
Integrated 71Wh

Power Adapter
170W Slim Tip

Operating System
Windows 10 Home 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
195348978293

End of Support
2026-09-30

Announce Date
2020-11-13

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Lenovo Legion S7 15IMH5 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	DDR4-2933	Intel UHD Graphics
	i7-10750H	6	12	2.6 GHz	5.0 GHz	12MB		
	i7-10870H	8	16	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® 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
* 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, 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 — *Up to 2 drives:*
M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4

Optical — None

Ethernet — None

WLAN + Bluetooth™ — *One of the following, configurable by model:*
- 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
- "Y" Logo white lighting on display cover
- RGB lighting on power button

Media reader — 4-in-1 media reader (MMC, SD, SDHC, SDXC)

Ports
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
* Depending on many factors, actual data transfer speed may be lower than theoretical speed

Bundled Accy — *Optional:* Lenovo Legion USB-C 3-in-1 Hub

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 backligh or white backlight

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
* Battery life varies significantly with hardware configurations, settings, usage, & other factors

AC adapter — 170W or 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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