Lenovo Legion 5P 15IMH05H 82AW0044CK

Product
Lenovo Legion 5P 15IMH05H

Region
EET

Country/Region
Czech, Slovakia

Machine Type
82AW

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

Graphics
NVIDIA GeForce RTX 2060 6GB GDDR6

Chipset
Intel HM470

Memory
2x 16GB SO-DIMM DDR4-2933

Storage
1TB SSD M.2 2280 PCIe NVMe

Display
15.6" FHD (1920x1080) IPS 300nits Anti-glare, 144Hz

Touchscreen
None

Optical
None

Media Reader
None

Ethernet
100/1000M

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

Bundled Accessories
None

Case Material
PC / ABS

Camera
None

Microphone
2x, Array

Color
Iron Grey

Keyboard
4-Zone RGB LED backlight, Czech / Slovak

Fingerprint Reader
None

TPM
FW TPM 2.0

Battery
Integrated 80Wh

Power Adapter
230W Slim Tip

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

Bundled Software
Office Trial

Base Warranty
2-year, Depot

Bundled Service
None

EAN / UPC / JAN
195042664713

End of Support
2026-05-13

Announce Date
2020-04-13

WWW.LENOVO.COM

https://psref.lenovo.com

Visit psref website for the latest version of Product Specifcations Reference.

Lenovo Legion 5P 15IMH05H Platform Specifications

Processor	10th Generation Intel® Core™ i5 / i7 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		
i7-10875H	8	16	2.3 GHz	5.1 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

supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 4096x2160@60Hz (HDMI); 3840x2160@30Hz (USB Type-C)

Chipset	Intel HM470 Chipset
Memory	32GB max / 2933MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets
Display	One of the following, configurable by model:
	● 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 100% sRGB gamut, refresh rate 60Hz
	● 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 100% sRGB gamut, refresh rate 144Hz, Dolby® Vision
	● 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 500 nits, 16:9 aspect ratio, 100% sRGB gamut, refresh rate 240Hz, Dolby Vision
Multi-touch	None
Storage	Up to 2 drives:
	● HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high
	● M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4
	● M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 4
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:* 14.3" x 10.22" x 0.93"; 363.06mm x 259.61mm x 23.57mm
Weight	Starting at 5.07 lb / 2.3 kg
Case color	Iron grey
Case material	PC/ABS plastic
Lighting	Legion "Y" logo with white backlit on display cover

Media reader	None
Ports	Four USB 3.1 Gen 1 (one Always On), one USB 3.1 Type-C Gen 1 (with the function of DisplayPort 1.2), 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
Bundled Accy	*Optional:* Lenovo Legion M300 RGB Gaming Mouse (USB connector)
Camera	None
Audio support	HD Audio, Realtek ALC3287 codec / Dolby Atoms® for Gaming Certification, Harman speakers, 2W x 2, dual array microphone, headphone / microphone combo jack
Keyboard	6-row, multimedia Fn keys, white backlight or 4-Zone RGB LED backlight, numeric keypad, anti-ghost
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-ion 60Wh or 80Wh battery, supports Rapid Charge Pro (30 minutes 50%)
Max battery life	*MobileMark® 2018:* 7.7 hr (80Wh) or 6.8 hr (60Wh)
	* 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 Office Professional 2019
	● Microsoft Office Personal 2019
	● Microsoft 365 Personal
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.

Lenovo Legion 5P 15IMH05H