

Lenovo Legion Y540-15IRH 81SX006FBM

Product

Lenovo Legion Y540-15IRH

Region

EET

Country/Region

Bulgaria

Machine Type

81SX

Processor

Core i5-9300H (4C / 8T, 2.4 / 4.1GHz, 8MB)

Graphics

NVIDIA GeForce GTX 1660 Ti 6GB GDDR6

Chipset

Intel HM370

Memory

1x 8GB DIMM DDR4-2666

Display

15.6" FHD (1920x1080) IPS 250nits Anti-glare, 60Hz

Multi-touch

None

Storage

512GB SSD M.2 2242 PCIe 3.0x2 NVMe

Optane Memory

None

Optical

None

Media Reader

None

Ethernet

100/1000M

WLAN + Bluetooth

11ac, 2x2 + BT4.2

Color

Black

Camera

720p

Microphone

2x, Array

Keyboard

Backlit

Fingerprint Reader

None

TPM

FW TPM 2.0

Battery

Integrated 57Wh

Power Adapter

230W Slim Tip

Operating System

None

Bundled Software

None

Base Warranty

2-year, Depot

Upsell Service Bundles

None

EAN / UPC

193386881933

End of Support

2025-06-05

Announce Date

2019-05-05

Notes:

Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences.

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Lenovo Legion Y540-15IRH Platform Specifications

Product Specifications Reference (PSREF)

Processor	9th Generation Intel® Core™ i5 / i7 Processor								Dimensions Weight Case color Case material Lighting	WxDxH: 14.17" x 10.51" x 0.95-1.02"; 360mm x 267mm x 24.2-25.9mm Approx 5.07 lb / 2.3 kg Black PC/ABS plastic "Y" Logo lighting on display cover
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics		
	i5-9300H	4	8	2.4 GHz	4.1 GHz	8MB	DDR4-2666	Intel UHD Graphics 630		
	i7-9750H	6	12	2.6 GHz	4.5 GHz	12MB				
Graphics	Integrated Graphics		Discrete Graphics (Memory)						Media reader Ports Camera Audio support	None One USB 3.1 Gen 1 (one Always On), two USB 3.1 Gen 1, one USB 3.1 Type-C Gen 1 / (with the function of DisplayPort 1.2), HDMI 2.0, Ethernet (RJ-45), Mini DisplayPort 1.4, headphone / microphone combo jack, security keyhole, AC power adapter jack * Depending on many factors, actual data transfer speed may be lower than theoretical speed 720p HD, 1.0MP resolution, fixed focus, with dual array microphone HD Audio, Realtek ALC3287 codec / Dolby Atmos® for Gaming PC, Harman® stereo speakers with chamber, 2W x 2, dual array microphone, headphone / microphone combo jack
	Intel UHD Graphics 630		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, Mini DP or USB Type-C; supports three independent displays; Max resolution: 3840x2160@60Hz (HDMI); 7680x4320@60Hz (Mini DP 1.4); 3840x2160@60Hz (USB Type-C)									
Chipset	Mobile Intel HM370 Chipset								Keyboard	6-row, multimedia Fn keys, numeric keypad, white LED backlight
Memory	32GB max offering / 2666MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets								Touchpad	2-button Mylar surface multi-touch touchpad
Display	One of the following, configurable by model: <ul style="list-style-type: none">15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 45% gamut, refresh rate 60Hz15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, refresh rate 60Hz15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, refresh rate 144Hz								Security	Power-on password, hard disk password, administrator password, security keyhole
Multi-touch	None								Security chip	Firmware TPM 2.0 integrated in chipset
Storage	Up to 2 drives (one HDD and one M.2 SSD): <ul style="list-style-type: none">HDD / SATA 6.0Gb/s, 2.5" wide, 7mm highM.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/sM.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/sIntel Optane™ Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4								Fingerprint reader	None
Optane Memory	Optional 16GB Intel Optane Memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2								Battery	Integrated Li-ion 57Wh battery
Optical	None								Max battery life	MobileMark® 2014: 5 hr * Battery life varies significantly with settings, usage, & other factors
Ethernet	Gigabit Ethernet connection								AC adapter	230W slim tip AC adapter
WLAN	One of the following, configurable by model: <ul style="list-style-type: none">802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card802.11ac 2x2 Wi-Fi + Bluetooth 4.2, M.2 Card								Preload (opt)	Preloaded operating system <ul style="list-style-type: none">Windows® 10 Home 64 Preloaded applications (only some listed) <ul style="list-style-type: none">Microsoft Office Trial (with 30-day license)
Bluetooth™	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Limited warranty	One of the following, configurable by model: <ul style="list-style-type: none">1-year depot repair service2-year/1-yr battery depot repair service
									Environment	ErP lot 3; RoHS-compliant

Note: The specifications above may not be available in all regions.

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