

Lenovo Legion Y540-15IRH-PG0 [81SY0058BM](#)

Product

Lenovo Legion Y540-15IRH-PG0

Region

EET

Country/Region

Bulgaria

Machine Type

81SY

Processor

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

Graphics

NVIDIA GeForce GTX 1650 4GB GDDR5

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 52.5Wh

Power Adapter

170W Slim Tip

Operating System

None

Bundled Software

None

Base Warranty

2-year, Depot

Service Bundles

None

EAN / UPC

193386884392

End of Support

2025-05-28

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-PG0 Platform Specifications

Product Specifications Reference (PSREF)

Processor	9th Generation Intel® Core™ i5 / i7 Processor								Dimensions	WxDxH: 14.17" x 10.51" x 0.95-0.99"; 360mm x 267mm x 24.2-25.2mm
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Weight	Approx 5.07 lb / 2.3 kg
	i5-9300H	4	8	2.4 GHz	4.1 GHz	8MB	DDR4-2666	Intel UHD Graphics 630	Case color	Black
	i7-9750H	6	12	2.6 GHz	4.5 GHz	12MB			Case material	PC/ABS plastic
									Lighting	"Y" Logo lighting on display cover
Graphics	Integrated Graphics		Discrete Graphics (Memory)						Media reader	None
	Intel UHD Graphics 630		NVIDIA® GeForce® GTX 1650 (4GB GDDR5 memory)						Ports	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 <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>
Chipset	Mobile Intel HM370 Chipset								Camera	720p HD, 1.0MP resolution, fixed focus, with dual array microphone
Memory	32GB max offering / 2666MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets								Audio support	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
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, 250 nits, 16:9 aspect ratio, 45% gamut, refresh rate 60Hz 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, refresh rate 60Hz 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, refresh rate 144Hz 								Keyboard	6-row, multimedia Fn keys, numeric keypad, white LED backlight
Multi-touch	None								Touchpad	2-button Mylar surface multi-touch touchpad
Storage	<i>Up to 2 drives (one HDD and one M.2 SSD):</i> <ul style="list-style-type: none"> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s 								Security	Power-on password, hard disk password, administrator password, security keyhole
Optane Memory	Optional 16GB Intel Optane Memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2								Security chip	Firmware TPM 2.0 integrated in chipset
Optical	None								Fingerprint reader	None
Ethernet	Gigabit Ethernet connection								Battery	Integrated Li-ion 52.5Wh battery
WLAN	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> 802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card 802.11ac 2x2 Wi-Fi + Bluetooth 4.2, M.2 Card 								Max battery life	<i>MobileMark® 2014: 5 hr</i> <i>* Battery life varies significantly with settings, usage, & other factors</i>
Bluetooth™	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter								AC adapter	170W slim tip AC adapter
								Preload (opt)	<i>Preloaded operating system</i> <ul style="list-style-type: none"> Windows® 10 Home 64 Preloaded applications (only some listed) Microsoft Office Trial (with 30-day license) 	
								Limited warranty	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> 1-year depot repair service 2-year/1-yr battery depot repair service 	
								Environment	ErP lot 3; RoHS-compliant	

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

Lenovo, August 2019



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