

Lenovo Legion Y540-15IRH-PG0 81SY000VLM

Product

Lenovo Legion Y540-15IRH-PG0

Region

LA

Country/Region

LA Group

Machine Type

81SY

Processor

Intel 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

Storage

128GB SSD M.2 2242 PCIe 3.0x2 NVMe + 1TB HDD
7200rpm 2.5"

Optane Memory

None

Display

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

Multi-touch

None

Optical

None

Media Reader

None

Ethernet

100/1000M

Case Material

PC / ABS

WLAN + Bluetooth

11ac, 1x1 + BT4.2

Camera

720p

Microphone

2x, Array

Color

Raven Black

Keyboard

Backlit, Spanish (LA)

Fingerprint Reader

None

TPM

FW TPM 2.0

Battery

Integrated 52.5Wh

Power Adapter

170W Slim Tip

Operating System

Windows 10 Home 64, Spanish

Bundled Software

Office Trial

Base Warranty

1-year, Depot

Bundled Service

None

EAN / UPC

193386457718

End of Support

2025-06-16

Announce Date

2019-05-16

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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	Raven 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 (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											
Memory	32GB max offering / 2666MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets											
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 											
Multi-touch	None											
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 											
Optane Memory	Optional 16GB Intel Optane Memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2											
Optical	None											
Ethernet	Gigabit Ethernet connection											
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 											
Bluetooth™	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter											
									Camera	720p HD, 1.0MP resolution, fixed focus, with dual array microphone		
									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		
									Keyboard	6-row, multimedia Fn keys, numeric keypad, white LED backlight		
									Touchpad	2-button Mylar surface multi-touch touchpad		
									Security	Power-on password, hard disk password, administrator password, security keyhole		
									Security chip	Firmware TPM 2.0 integrated in chipset		
									Fingerprint reader	None		
									Battery	Integrated Li-ion 52.5Wh battery		
									Max battery life (MobileMark® 2014)	Models	UHD Graphics	GTX 1650
										Max battery life	10 hr	4.5 hr
										<i>* Battery life varies significantly with settings, usage, & other factors</i>		
									AC adapter	170W slim tip AC adapter		
									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.

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