

Lenovo Legion Y540-15IRH 81SX004SGE

Product

Lenovo Legion Y540-15IRH

Region

WE

Country

Germany

Machine Type

81SX

Processor

Core i7-9750H (6C / 12T, 2.6 / 4.5GHz, 12MB)

Graphics

NVIDIA GeForce GTX 1660 Ti 6GB GDDR6

Chipset

Intel HM370

Memory

2x 8GB DDR4-2666

Display

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

Multi-touch

None

Storage

1TB HDD 5400rpm 2.5" + 128GB SSD M.2 2242 PCIe NVMe

Optane Memory

None

Optical

None

Media Reader

None

Ethernet

100/1000M

WLAN + Bluetooth

11ac, 2x2 + BT4.2

Color

Black

Camera

720p

Microphone

Dual Array

Keyboard

Backlit

Fingerprint Reader

None

TPM

FW TPM 2.0

Battery

Integrated 57Wh

Power Adapter

230W Slim Tip

Operating System

Windows 10 Home 64

Bundled Software

Office Trial

Warranty

2-year, Depot

EAN / UPC

193386722410

Announce Date

2019-04-28

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.

<https://www.lenovo.com/hk/en/battery-info>



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Lenovo Legion Y540-15IRH Platform Specifications

Product Specifications Reference (PSREF)



Processor	9th Generation Intel® Core™ i5 / i7 Processor								Dimensions WxDxH: 14.17" x 10.51" x 0.95-1.02"; 360mm x 267mm x 24.2-25.9mm Weight Approx 2.3 kg (5.07 lb) Case color Black Case material PC/ABS plastic Lighting "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 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 <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>
	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: 4096x2160@60Hz (HDMI); 7680x4320@60Hz (Mini DP 1.4); 4096x2160@60Hz (USB Type-C)									
Chipset	Mobile Intel HM370 Chipset								Camera Audio support 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
Memory	32GB max offering / 2666MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets								
Display	<i>One of the following, configurable by model:</i>								Keyboard Touchpad 6-row, multimedia Fn keys, numeric keypad, white LED backlight 2-button Mylar surface multi-touch touchpad
	<ul style="list-style-type: none"> 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 45% gamut, 60Hz 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, 60Hz 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, 144Hz 								
Multi-touch	None								Security Security chip Fingerprint reader Power-on password, hard disk password, security keyhole Firmware TPM 2.0 integrated in chipset None
Storage	<i>Up to 2 drives (one HDD and one M.2 SSD):</i>								Battery Max battery life Integrated Li-ion 57Wh battery <i>MobileMark® 2014: 5 hr</i> <i>* Battery life varies significantly with settings, usage, & other factors</i>
	<ul style="list-style-type: none"> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s (e.g. xxxGB SSD M.2 2242 PCIe NVMe) M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxGB SSD M.2 2280 PCIe NVMe) 								AC adapter 230W slim tip AC adapter
Optane Memory	Optional Intel Optane™ Memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2								Preload (opt) <i>Preloaded operating system</i> <ul style="list-style-type: none"> Windows® 10 Home 64 <i>Preloaded applications (only some listed)</i> Microsoft Office Trial (with 30-day license)
Optical	None								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
Ethernet	Gigabit Ethernet connection								Environment ErP lot 3; RoHS-compliant
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								

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

Lenovo, April 2019

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