

Lenovo Legion Y540-17IRH-PG0 [81T30015GE](#)

Product

Lenovo Legion Y540-17IRH-PG0

Region

WE

Country

Germany

Machine Type

81T3

Processor

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

Graphics

NVIDIA GeForce GTX 1650 4GB GDDR5

Chipset

Intel HM370

Memory

2x 8GB DDR4-2666

Display

17.3" FHD (1920x1080) IPS 300nits Anti-glare, 60Hz

Multi-touch

None

Storage

1TB SSD M.2 2280 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 52.5Wh

Power Adapter

170W Slim Tip

Operating System

Windows 10 Home 64

Bundled Software

Office Trial

Warranty

2-year, Depot

EAN / UPC

193386730491

Announce Date

2019-05-23

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 Y540-17IRH-PG0 Platform Specifications

Product Specifications Reference (PSREF)

Processor	9th Generation Intel® Core™ i5 / i7 Processor								Dimensions Weight Case color Case material Lighting	WxDxH: 15.74" x 11.42" x 0.98-1.04"; 399.8mm x 290mm x 25-26.3mm Approx 2.84 kg (6.26 lb) 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	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 1650 (4GB GDDR5 memory)								
	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® 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> 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, 60Hz 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, 144Hz								Security Security chip Fingerprint reader	Power-on password, hard disk password, administrator password, security keyhole Firmware TPM 2.0 integrated in chipset None	
Multi-touch	None										
Storage	<i>Up to 2 drives (one HDD and one M.2 SSD):</i> - 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)								Battery	Integrated Li-ion 52.5Wh battery	
Optane Memory	None None							Max battery life	<i>MobileMark® 2014: 5 hr</i> <i>* Battery life varies significantly with settings, usage, & other factors</i>		
								AC adapter	170W slim tip AC adapter		
								Preload (opt)	<i>Preloaded operating system</i> - Windows® 10 Home 64 <i>Preloaded applications (only some listed)</i> - Microsoft Office Trial (with 30-day license)		
Optical									Limited warranty	<i>One of the following, configurable by model:</i> 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> 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, May 2019

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