

# Lenovo Legion Y540-17IRH-PG0 81T3000PGE

## Product

Lenovo Legion Y540-17IRH-PG0

## Region

WE

## Country

Germany

## Machine Type

81T3

## Processor

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

## Graphics

NVIDIA GeForce GTX 1650 4GB GDDR5

## Chipset

Intel HM370

## Memory

2x 8GB DDR4-2666

## Display

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

## Multi-touch

None

## Storage

1TB HDD 5400rpm 2.5" + 256GB 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

193386605195

## 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> <ul style="list-style-type: none"><li>17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, 60Hz</li><li>17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, 144Hz</li></ul>								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> <ul style="list-style-type: none"><li>HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high</li><li>M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s (e.g. xxxGB SSD M.2 2242 PCIe NVMe)</li><li>M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxGB SSD M.2 2280 PCIe NVMe)</li></ul>								Battery	Integrated Li-ion 52.5Wh battery
Optane Memory	None None	Gigabit Ethernet connection	WLAN	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"><li>802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card</li><li>802.11ac 2x2 Wi-Fi + Bluetooth 4.2, M.2 Card</li></ul>	Bluetooth™	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter	Environment	ErP lot 3; RoHS-compliant	Max battery life	<i>MobileMark® 2014: 5 hr</i> <i>* Battery life varies significantly with settings, usage, &amp; other factors</i>
									AC adapter	170W slim tip AC adapter
									Preload (opt)	<i>Preloaded operating system</i> <ul style="list-style-type: none"><li>Windows® 10 Home 64</li></ul> <i>Preloaded applications (only some listed)</i> <ul style="list-style-type: none"><li>Microsoft Office Trial (with 30-day license)</li></ul>
Optical	None	Gigabit Ethernet connection	WLAN	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"><li>1-year depot repair service</li><li>2-year/1-yr battery depot repair service</li></ul>	Bluetooth™	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter	Environment	ErP lot 3; RoHS-compliant	Limited warranty	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"><li>1-year depot repair service</li><li>2-year/1-yr battery depot repair service</li></ul>

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

Lenovo, May 2019

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