

Lenovo Legion Y540-15IRH 81SX0028UK

Product

Lenovo Legion Y540-15IRH

Region

WE

Country

UK Group

Machine Type

81SX

Processor

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

Graphics

NVIDIA GeForce RTX 2060 6GB GDDR6

Chipset

Intel HM370

Memory

1x 8GB DDR4-2666

Display

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

Multi-touch

None

Storage

512GB 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 57Wh

Power Adapter

230W Slim Tip

Operating System

Windows 10 Home 64

Bundled Software

Office Trial

Warranty

1-year, Depot

EAN / UPC

193386503026

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>



WWW.LENOVO.COM

This publication was developed for products and services offered in the United States and E.M.E.A countries. Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area.

Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors.

Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.



<https://psref.lenovo.com>

Visit psref website for the latest version of Product Specifications Reference.

© Lenovo, 2019. All rights reserved.



Lenovo

Lenovo Legion Y540-15IRH Platform Specifications

Product Specifications Reference (PSREF)

Processor	9th Generation Intel® Core™ i5 / i7 Processor								Dimensions Weight Case color Case material Lighting	WxDxH: 14.17" x 10.51" x 0.95-1.02"; 360mm x 267mm x 24.2-25.9mm Approx 2.3 kg (5.07 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 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	One of the following, configurable by model:									
	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								Keyboard Touchpad	6-row, multimedia Fn keys, numeric keypad, white LED backlight 2-button Mylar surface multi-touch touchpad
Storage	Up to 2 drives (one HDD and one M.2 SSD):									
	- 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)									
Optane Memory	Optional Intel Optane™ Memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2									
Optical	None									
Ethernet	Gigabit Ethernet connection									
WLAN	One of the following, configurable by model:									
Bluetooth™	802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card 802.11ac 2x2 Wi-Fi + Bluetooth 4.2, M.2 Card								Battery Max battery life	Integrated Li-ion 57Wh battery MobileMark® 2014: 5 hr <i>* Battery life varies significantly with settings, usage, & other factors</i>
	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter									
									AC adapter	230W slim tip AC adapter
									Preload (opt)	Preloaded operating system - Windows® 10 Home 64 Preloaded applications (only some listed) - Microsoft Office Trial (with 30-day license)
									Limited warranty	One of the following, configurable by model: 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, April 2019

Lenovo™

Lenovo Legion Y540-15IRH

Lenovo™

