Lenovo Legion Y540-17IRH 81Q4001GGE

Product
Lenovo Legion Y540-17IRH

Region
WE

Country
Germany

Machine Type
81Q4

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

Multi-touch
None

Storage
1TB HDD 5400rpm 2.5" + 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 57Wh

Power Adapter
230W Slim Tip

Operating System
Windows 10 Home 64

Bundled Software
Office Trial

Warranty
2-year, Depot

EAN / UPC
193386605089

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

WWW.LENOVO.COM

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Lenovo Legion Y540-17IRH Platform Specifications

Processor

9th Generation Intel® Core™ i5 / i7 Processor

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)
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

Memory 32GB max offering / 2666MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets

Display *One of the following, configurable by model:*
- 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

Multi-touch None

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 None

Optical None

Ethernet Gigabit Ethernet connection

WLAN *One of the following, configurable by model:*
- 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

Dimensions *WxDxH:* 15.74" x 11.42" x 0.98-1.04"; 399.8mm x 290mm x 25-26.3mm

Weight Approx 2.84 kg (6.26 lb)

Case color Black

Case material PC/ABS plastic

Lighting "Y" Logo lighting on display cover

Media reader None

Ports 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
** Depending on many factors, actual data transfer speed may be lower than theoretical speed*

Camera 720p HD, 1.0MP resolution, fixed focus, with dual array microphone

Audio support HD Audio, Realtek ALC3287 codec / Dolby Atoms® for Gaming PC, Harman® 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 57Wh battery

Max battery life *MobileMark® 2014:* 5 hr
** Battery life varies significantly with settings, usage, & other factors*

AC adapter 230W slim tip AC adapter

Preload *(opt)*
Preloaded operating system
- Windows® 10 Home 64
- Windows 10 Pro 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.

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