Lenovo Legion Y540-17IRH 81Q400DFRK

Product
Lenovo Legion Y540-17IRH

Region
RUSSIA

Country/Region
Russia

Machine Type
81Q4

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

Graphics
NVIDIA GeForce RTX 2060 6GB GDDR6

Chipset
Intel HM370

Memory
1x 8GB SO-DIMM DDR4-2666

Storage
256GB SSD M.2 2280 PCIe NVMe

Optane Memory
None

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

Touchscreen
None

Optical
None

Media Reader
None

Ethernet
100/1000M

Case Material
PC / ABS

WLAN + Bluetooth
11ac, 2x2 + BT4.2

Camera
720p

Microphone
2x, Array

Color
Raven Black

Keyboard
Backlit, Russian

Fingerprint Reader
None

TPM
FW TPM 2.0

Battery
Integrated 57Wh

Power Adapter
230W Slim Tip

Operating System
None

Bundled Software
None

Base Warranty
2-year, Depot

Bundled Service
None

EAN / UPC / JAN
194632764550

End of Support
2025-12-28

Announce Date
2019-11-28

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
i5-9300HF							-
i7-9750H	6	12	2.6 GHz	4.5 GHz	12MB		Intel UHD Graphics 630
i7-9750HF							-

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
-	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, MiniDP or USB Type-C;
supports three independent displays;
Max resolution: 3840x2160@60Hz (HDMI); 7680x4320@60Hz (MiniDP 1.4);
 3840x2160@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, refresh rate 60Hz
- 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, refresh rate 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 2242 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s
- M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s

Optane Memory — Optional 16GB 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:*
- 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 6.26 lb / 2.84 kg
Case color — Raven black
Case material — PC/ABS plastic
Lighting — "Y" Logo lighting on display cover

Media reader — None
Ports — One USB 3.1 Gen 1 (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*)

Models	UHD Graphics	GTX 1660 Ti	RTX 2060
Max battery life	9.3 hr	3.9 hr	3.6 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)
- Microsoft Office 365 Home
- Microsoft Office 365 Personal
- Microsoft Office Home and Business 2019
- Microsoft Office Home and Student 2019
- Microsoft Office Professional 2019

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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