Lenovo Legion Y540-15IRH 81SX00DXBM

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Product
Lenovo Legion Y540-15IRH

Region
EET

Country
Bulgaria

Machine Type
81SX

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

Graphics
NVIDIA GeForce GTX 1660 Ti 6GB GDDR6

Chipset
Intel HM370

Memory
1x 8GB DDR4-2666

Display
15.6" FHD (1920x1080) IPS 250nits Anti-glare, 60Hz

Multi-touch
None

Storage
1TB HDD 7200rpm 2.5" + 128GB SSD M.2 2242 PCIe 3.0x2 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
None

Bundled Software
None

Warranty
2-year, Depot

EAN / UPC
193638389422

Announce Date
2019-06-11

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

https://psref.lenovo.com
Visit psref website for the latest version of Product Specifcations Reference.

Lenovo Legion Y540-15IRH 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: 3840x2160@60Hz (HDMI); 7680x4320@60Hz (Mini DP 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:*
- 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

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:* 14.17" x 10.51" x 0.95-1.02";   360mm x 267mm x 24.2-25.9mm
Weight   Approx 2.3 kg (5.07 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® stereo 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
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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USB Type-C port
Mini DP port
USB 3.1 port
HDMI port
RJ-45 port
AC adaptor port
Kensington Lock slot