

Lenovo Legion Y540-17IRH 81Q4001HGE

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 RTX 2060 6GB GDDR6

Chipset

Intel HM370

Memory

2x 16GB 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

193386605058

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 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 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) | | | | | | | | Camera | 720p HD, 1.0MP resolution, fixed focus, with dual array microphone |
| Chipset | Mobile Intel HM370 Chipset | | | | | | | | Audio support | 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 | | | | | | | | Keyboard Touchpad | 6-row, multimedia Fn keys, numeric keypad, white LED backlight 2-button Mylar surface multi-touch touchpad |
| Display | <i>One of the following, configurable by model:</i> <ul style="list-style-type: none">• 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 | | | | | | | | Security | Power-on password, hard disk password, administrator password, security keyhole |
| Multi-touch | None | | | | | | | | Security chip | Firmware TPM 2.0 integrated in chipset |
| | | | | | | | | | Fingerprint reader | None |
| Storage | <i>Up to 2 drives (one HDD and one M.2 SSD):</i> <ul style="list-style-type: none">• 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) | | | | | | | | Battery | Integrated Li-ion 57Wh battery |
| Optane Memory | None | | | | | | | | Max battery life | <i>MobileMark® 2014: 5 hr</i> <i>* Battery life varies significantly with settings, usage, & other factors</i> |
| | None | | | | | | | | AC adapter | 230W slim tip AC adapter |
| Ethernet | Gigabit Ethernet connection | | | | | | | | Preload (opt) | <i>Preloaded operating system</i> <ul style="list-style-type: none">• Windows® 10 Home 64• Windows 10 Pro 64 <i>Preloaded applications (only some listed)</i> <ul style="list-style-type: none">• Microsoft Office Trial (with 30-day license) |
| WLAN | <i>One of the following, configurable by model:</i> <ul style="list-style-type: none">• 802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card• 802.11ac 2x2 Wi-Fi + Bluetooth 4.2, M.2 Card | | | | | | | | Limited warranty | <i>One of the following, configurable by model:</i> <ul style="list-style-type: none">• 1-year depot repair service• 2-year/1-yr battery depot repair service |
| Bluetooth™ | Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter | | | | | | | | Environment | ErP lot 3; RoHS-compliant |

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

Lenovo, May 2019

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