

Lenovo Legion Y540-15IRH 81SX00DWBM

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Product
Lenovo Legion Y540-15IRH

Region
EET

Country
Bulgaria

Machine Type
81SX

Processor
Core i5-9300H (4C / 8T, 2.4 / 4.1GHz, 8MB)

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
128GB SSD M.2 2242 PCIe 3.0x2 NVMe + 1TB HDD
5400rpm 2.5"

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
193638389439

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>



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Lenovo Legion Y540-15IRH Platform Specifications

Product Specifications Reference (PSREF)



Processor	9th Generation Intel® Core™ i5 / i7 Processor								Dimensions	<i>WxDxH:</i> 14.17" x 10.51" x 0.95-1.02"; 360mm x 267mm x 24.2-25.9mm
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Weight	Approx 2.3 kg (5.07 lb)
	i5-9300H	4	8	2.4 GHz	4.1 GHz	8MB	DDR4-2666	Intel UHD Graphics 630	Case color	Black
i7-9750H	6	12	2.6 GHz	4.5 GHz	12MB	Case material			PC/ABS plastic	Lighting
Graphics	Integrated Graphics		Discrete Graphics (Memory)						Media reader	None
	Intel UHD Graphics 630		NVIDIA® GeForce® GTX 1660 Ti (6GB GDDR6 memory), VR ready NVIDIA GeForce RTX™ 2060 (6GB GDDR6 memory), VR ready						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 <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>
	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								Camera	720p HD, 1.0MP resolution, fixed focus, with dual array microphone
Memory	32GB max offering / 2666MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets								Audio support	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
Display	<i>One of the following, configurable by model:</i>								Keyboard	6-row, multimedia Fn keys, numeric keypad, white LED backlight
	<ul style="list-style-type: none"> 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 								Touchpad	2-button Mylar surface multi-touch touchpad
	Multi-touch								Security	Power-on password, hard disk password, administrator password, security keyhole
Storage	<i>Up to 2 drives (one HDD and one M.2 SSD):</i>								Security chip	Firmware TPM 2.0 integrated in chipset
	<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) 								Fingerprint reader	None
	Optane Memory								Battery	Integrated Li-ion 57Wh battery
Optical	None								Max battery life	<i>MobileMark® 2014:</i> 5 hr <i>* Battery life varies significantly with settings, usage, & other factors</i>
Ethernet	Gigabit Ethernet connection								AC adapter	230W slim tip AC adapter
WLAN	<i>One of the following, configurable by model:</i>								Preload (opt)	<i>Preloaded operating system</i> <ul style="list-style-type: none"> Windows® 10 Home 64 <i>Preloaded applications (only some listed)</i> Microsoft Office Trial (with 30-day license)
Bluetooth™	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter								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
	Note: The specifications above may not be available in all regions.								Environment	ErP lot 3; RoHS-compliant

Lenovo, June 2019

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