

Lenovo Legion Y540-15IRH-PG0 81SY00KYBM

Product

Lenovo Legion Y540-15IRH-PG0

Region

EET

Country/Region

Bulgaria

Machine Type

81SY

Processor

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

Graphics

NVIDIA GeForce GTX 1650 4GB GDDR5

Chipset

Intel HM370

Memory

1x 8GB DIMM DDR4-2666

Storage

1TB SSD M.2 2280 PCIe NVMe

Optane Memory

None

Display

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

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, Bulgarian

Fingerprint Reader

None

TPM

FW TPM 2.0

Battery

Integrated 52.5Wh

Power Adapter

170W Slim Tip

Operating System

None

Bundled Software

None

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC / JAN

194632776003

End of Support

2026-01-06

Announce Date

2019-12-06



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Lenovo Legion Y540-15IRH-PG0 Platform Specifications

Product Specifications Reference (PSREF)

Processor	9th Generation Intel® Core™ i5 / i7 Processor								Dimensions Weight Case color Case material Lighting	WxDxH: 14.17" x 10.51" x 0.95-0.99"; 360mm x 267mm x 24.2-25.2mm Approx 5.07 lb / 2.3 kg Raven 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									
	i5-9300HF							-									
	i7-9750H	6	12	2.6 GHz	4.5 GHz	12MB		Intel UHD Graphics 630									
i7-9750HF	-																
								Media reader	None 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 <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>								
								Ports									
								Camera				720p HD, 1.0MP resolution, fixed focus, with dual array microphone					
								Audio support									
								Keyboard				6-row, multimedia Fn keys, numeric keypad, white LED backlight					
								Touchpad									
								Security	Power-on password, hard disk password, administrator password, security keyhole								
								Security chip									
								Fingerprint reader	None								
								Battery				Integrated Li-ion 52.5Wh battery					
								Max battery life (MobileMark® 2014)	<table><tr><td>Models</td><td>UHD Graphics</td><td>GTX 1650</td></tr><tr><td>Max battery life</td><td>10 hr</td><td>4.5 hr</td></tr></table> <i>* Battery life varies significantly with settings, usage, & other factors</i>						Models	UHD Graphics	GTX 1650
Models	UHD Graphics	GTX 1650															
Max battery life	10 hr	4.5 hr															
								AC adapter	170W slim tip AC adapter								
								Preload (opt)				<i>Preloaded operating system</i> <ul style="list-style-type: none">Windows® 10 Home 64Windows 10 Pro 64 <i>Preloaded applications (only some listed)</i> <ul style="list-style-type: none">Microsoft Office Trial (with 30-day license)Microsoft Office 365 HomeMicrosoft Office 365 PersonalMicrosoft Office Home and Business 2019Microsoft Office Home and Student 2019Microsoft Office Professional 2019Microsoft Office Personal 2019					
								Limited warranty	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none">1-year depot repair service2-year/1-yr battery depot repair service								
								Environment							ErP lot 3; RoHS-compliant		

Graphics	Integrated Graphics		Discrete Graphics (Memory)					
	Intel UHD Graphics 630		NVIDIA® GeForce® GTX 1650 (4GB GDDR5 memory)					
	-							
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:
	<ul style="list-style-type: none">15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 45% gamut, refresh rate 60Hz15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, refresh rate 60Hz15.6" (396mm) 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): <ul style="list-style-type: none">HDD / SATA 6.0Gb/s, 2.5" wide, 7mm highM.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/sM.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
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WLAN	One of the following, configurable by model: <ul style="list-style-type: none">802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card802.11ac 2x2 Wi-Fi + Bluetooth 4.2, M.2 Card
Bluetooth™	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter

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

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February 2020

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