

Lenovo Legion Y540-17IRH-PG0 81T3005HPB

Product

Lenovo Legion Y540-17IRH-PG0

Region

EET

Country/Region

Poland

Machine Type

81T3

Processor

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

Graphics

NVIDIA GeForce GTX 1650 4GB GDDR5

Chipset

Intel HM370

Memory

1x 8GB SO-DIMM DDR4-2666

Storage

256GB SSD M.2 2280 PCIe 3.0x4 NVMe

Display

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

Touchscreen

None

Optical

None

Card Reader

None

Ethernet

100/1000M

WLAN + Bluetooth

11ac, 2x2 + BT4.2

Camera

720p

Microphone

2x, Array

Surface Treatment

Texture IMR

Case Material

PC + ABS

Case Color

Raven Black

Keyboard

Backlit, English

Fingerprint Reader

None

Security Chip

Firmware TPM 2.0

Battery

Integrated 52.5Wh

Power Adapter

170W Slim Tip

Operating System

FreeDOS

Bundled Software

None

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC / JAN

194552644956

End of Support

2025-05-15

Announce Date

2019-09-05



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Lenovo Legion Y540-17IRH-PG0 Platform Specifications

Product Specifications Reference (PSREF)

Processor	9th Generation Intel® Core™ i5 / i7 Processor								Media reader Ports	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>							
	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)						Keyboard	6-row, multimedia Fn keys, numeric keypad, white LED backlight							
	Intel UHD Graphics 630		NVIDIA® GeForce® GTX 1650 (4GB GDDR5 memory)						Touchpad	2-button Mylar surface multi-touch touchpad							
	supports external digital monitor via HDMI, MiniDP or USB Type-C; supports four independent displays; Max resolution: 3840x2160@60Hz (HDMI); 7680x4320@60Hz (MiniDP 1.4); 3840x2160@60Hz (USB Type-C)									Security	Power-on password, hard disk password, administrator password, security keyhole						
Chipset	Mobile Intel HM370 Chipset									Security chip	Firmware TPM 2.0 integrated in chipset						
Memory	32GB max offering / 2666MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets									Fingerprint reader	None						
Display	<i>One of the following, configurable by model:</i> 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, WVA, 300 nits, 16:9 aspect ratio, 72% gamut, refresh rate 60Hz 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, WVA, 300 nits, 16:9 aspect ratio, 72% gamut, refresh rate 144Hz									Battery	Integrated Li-Polymer 52.5Wh battery						
Multi-touch	None									Max battery life (MobileMark® 2014)	<table><tr><th>Models</th><th>UHD Graphics</th><th>GTX 1650</th></tr><tr><td>Max battery life</td><td>9.3 hr</td><td>5.9 hr</td></tr></table> <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>	Models	UHD Graphics	GTX 1650	Max battery life	9.3 hr	5.9 hr
Models	UHD Graphics	GTX 1650															
Max battery life	9.3 hr	5.9 hr															
Storage	<i>Up to 2 drives (one HDD and one M.2 SSD):</i> - 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									AC adapter	170W slim tip AC adapter						
Optical	None									Preload (opt)	<i>Preloaded operating system</i> - Windows® 10 Home 64 - Windows 10 Pro 64 <i>Preloaded applications (only some listed)</i> - 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						
Ethernet	Gigabit Ethernet connection									Limited warranty	<i>One of the following, configurable by model:</i> 1-year depot repair service 2-year/1-yr battery depot repair service						
WLAN	<i>ne of the following, configurable by model:</i> 802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card 802.11ac 2x2 Wi-Fi + Bluetooth 4.2, M.2 Card									Environment	ErP lot 3; RoHS-compliant						
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																

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

Lenovo
October 2020

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