

Lenovo Legion Y540-17IRH-PG0 81T3007DGE

Product

Lenovo Legion Y540-17IRH-PG0

Region

WE

Country/Region

Germany

Machine Type

81T3

Processor

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

Graphics

NVIDIA GeForce GTX 1650 4GB GDDR5

Chipset

Intel HM370

Memory

1x 8GB SO-DIMM DDR4-2666

Storage

256GB SSD M.2 2280 PCIe NVMe + 1TB HDD 5400rpm 2.5"

Optane Memory

None

Display

17.3" FHD (1920x1080) IPS 300nits 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, German

Fingerprint Reader

None

TPM

FW TPM 2.0

Battery

Integrated 52.5Wh

Power Adapter

170W Slim Tip

Operating System

Windows 10 Home 64, German

Bundled Software

Office Trial

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC / JAN

194778097529

End of Support

2026-01-19

Announce Date

2019-12-19



WWW.LENOVO.COM

Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area.

Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors.

Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.



<https://psref.lenovo.com>

Visit psref website for the latest version of Product Specifications Reference.

© Lenovo, 2020. All rights reserved.



Lenovo™

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 Touchpad	6-row, multimedia Fn keys, numeric keypad, white LED backlight 2-button Mylar surface multi-touch touchpad												
	Intel UHD Graphics 630		NVIDIA® GeForce® GTX 1650 (4GB GDDR5 memory)								Security Security chip	Power-on password, hard disk password, administrator password, security keyhole Firmware TPM 2.0 integrated in chipset										
	-												Fingerprint reader	None								
	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)														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>9.3 hr</td><td>5.9 hr</td></tr></table> <i>* Battery life varies significantly with settings, usage, & other factors</i>	Models	UHD Graphics	GTX 1650	Max battery life
Models	UHD Graphics	GTX 1650																				
Max battery life	9.3 hr	5.9 hr																				
Chipset	Mobile Intel HM370 Chipset 32GB max offering / 2666MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets								AC adapter	170W slim tip AC adapter												
Memory											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										
Display	<i>One of the following, configurable by model:</i> • 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, refresh rate 60Hz • 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, refresh rate 144Hz												Limited warranty	<i>One of the following, configurable by model:</i> • 1-year depot repair service • 2-year/1-yr battery depot repair service								
Multi-touch	None														Environment	ErP lot 3; RoHS-compliant						
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																					
Optane Memory	Optional 16GB Intel Optane™ Memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2																					
Optical	None																					
Ethernet	Gigabit Ethernet connection																					
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																					
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
February 2020

Lenovo™

Lenovo Legion Y540-17IRH-PG0

Lenovo™

