

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 Touchpad 2-button Mylar surface multi-touch touchpad
	Intel UHD Graphics 630		NVIDIA® GeForce® GTX 1650 (4GB GDDR5 memory)						
	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)								Camera Audio support 720p HD, 1.0MP resolution, fixed focus, with dual array microphone HD Audio, Realtek ALC3287 codec / Dolby Atmos® for Gaming PC, Harman® speakers with chamber, 2W x 2, dual array microphone, headphone / microphone combo jack
Chipset	Mobile Intel HM370 Chipset								
Memory	32GB max offering / 2666MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets								Security Power-on password, hard disk password, administrator password, security keyhole Security chip Firmware TPM 2.0 integrated in chipset Fingerprint reader None
	Integrated Li-Polymer 52.5Wh battery								
	Max battery life (MobileMark® 2014)		Models		UHD Graphics		GTX 1650		
					9.3 hr		5.9 hr		
	<i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>								AC adapter 170W slim tip AC adapter
Display	One of the following, configurable by model: <ul style="list-style-type: none"> 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 								
Multi-touch	None								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) Microsoft Office 365 Home Microsoft Office 365 Personal Microsoft Office Home and Business 2019 Microsoft Office Home and Student 2019 Microsoft Office Professional 2019
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 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 								
Optical	None								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
Ethernet	Gigabit Ethernet connection								
WLAN	One of the following, configurable by model: <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 								
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								
Environment	ErP lot 3; RoHS-compliant								

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

Lenovo
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