

# Lenovo Legion Y540-17IRH 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 1660 Ti (6GB GDDR6 memory), VR ready NVIDIA GeForce RTX™ 2060 (6GB GDDR6 memory), VR ready														
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								Security Power-on password, hard disk password, administrator password, security keyhole								
Memory	32GB max offering / 2666MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets								Security chip Firmware TPM 2.0 integrated in chipset								
Display	One of the following, configurable by model: • 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								Fingerprint reader None								
Multi-touch	None								Battery Integrated Li-Polymer 57Wh battery <table border="1"> <thead> <tr> <th>Models</th> <th>UHD Graphics</th> <th>GTX 1660 Ti</th> <th>RTX 2060</th> </tr> </thead> <tbody> <tr> <td>Max battery life (MobileMark® 2014)</td> <td>9.3 hr</td> <td>3.9 hr</td> <td>3.6 hr</td> </tr> </tbody> </table> * Battery life varies significantly with hardware configurations, settings, usage, & other factors	Models	UHD Graphics	GTX 1660 Ti	RTX 2060	Max battery life (MobileMark® 2014)	9.3 hr	3.9 hr	3.6 hr
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Max battery life (MobileMark® 2014)	9.3 hr	3.9 hr	3.6 hr														
Storage	Up to 2 drives (one HDD and one M.2 SSD): • 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 230W slim tip AC adapter								
Optical	None								Preload (opt) Preloaded operating system • Windows® 10 Home 64 • Windows 10 Pro 64 Preloaded applications (only some listed) • 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																
WLAN	One of the following, configurable by model: • 802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card • 802.11ac 2x2 Wi-Fi + Bluetooth 4.2, M.2 Card								Limited warranty One of the following, configurable by model: • 1-year depot repair service • 2-year/1-yr battery depot repair service								
Bluetooth™	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Environment ErP lot 3; RoHS-compliant								
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.

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