

Lenovo Legion Y740-15IRHg Platform Specifications

Product Specifications Reference (PSREF)

Processor	9th Generation Intel® Core™ i7 Processor								Dimensions Weight Case color Case material Lighting	WxDxH: 14.21" x 10.43" x 0.79-0.94"; 361mm x 265mm x 19.95-23.85mm 4.8 lb / 2.2 kg Black Aluminium • "Y" Logo RGB lighting on display cover • Strip RGB lighting on thermal vent • RGB spot lighting on left and right
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics		
	i7-9750H	6	12	2.6 GHz	4.5 GHz	12MB	DDR4-2666	Intel UHD Graphics 630		
Graphics	Integrated Graphics		Discrete Graphics (Memory)						Media reader Ports	None Two USB 3.1 Gen 1 (one Always On), one USB 3.1 Gen 2, one USB 3.1 Type-C Gen 2 / Thunderbolt™ 3 (with the function of DisplayPort 1.4), HDMI 2.0, Mini DisplayPort 1.4a, Ethernet (RJ-45), 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>
	Intel UHD Graphics 630		NVIDIA® GeForce® RTX™ 2060 (6GB GDDR6 memory), VR ready NVIDIA GeForce RTX 2070 with Max-Q Design (8GB GDDR6 memory), VR ready NVIDIA GeForce RTX 2080 with Max-Q Design (8GB GDDR6 memory), VR ready							
	supports external digital monitor via HDMI, Mini DP or USB Type-C; supports three independent displays; Max resolution: 4096x2160@60Hz (HDMI); 7680x4320@60Hz (Mini DP 1.4a); 7680x4320@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: • 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, refresh rate 144Hz, G-Sync™, Dolby® Vision • 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 500 nits, 16:9 aspect ratio, 72% gamut, refresh rate 144Hz, G-Sync, VESA HDR400 display, Dolby Vision									
Multi-touch	None									
Storage	Up to 2 drives (one HDD and one M.2 SSD): • HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, 7200rpm • M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s • M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/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	Killer™ Wireless-AC 1550i, Wi-Fi 2x2 802.11ac + BT5.0, M.2 Card									
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter									
									Camera Audio support	
									720p HD, 1.0MP resolution, fixed focus, with dual array microphone HD Audio, Realtek ALC3286 codec / Dolby Atmos® speakers system for gaming certification, stereo speakers, 2W x 2, dual array microphone, headphone / microphone combo jack	
									Keyboard	
									6-row, multimedia Fn keys, RGB LED backlight with CORSAIR® iCUE, support anti-ghost	
									Touchpad	
									2-button Mylar surface multi-touch touchpad	
									Security	
									Power-on password, hard-disk password, supervisor password, security keyhole	
									Security chip	
									None	
									Fingerprint reader	
									None	
									Battery	
									Integrated Li-ion 57Wh battery	
									Max battery life	
									MobileMark® 2014: 5 hr <i>* Battery life varies significantly with settings, usage, & other factors</i>	
									AC adapter	
									230W slim tip AC adapter	
									Preload (opt)	
									Preloaded operating system • Windows® 10 Home 64 Preloaded applications (only some listed) • Microsoft Office Trial (with 30-day license)	
									Limited warranty	
									One of the following, configurable by model: • 1-year carry-in repair service • 2-year/2-yr battery carry-in repair service	
									Environment	
									ErP lot3; RoHS-compliant	

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

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