

Lenovo Legion Y740-15IRHg 81UH00AVGE

Product

Lenovo Legion Y740-15IRHg

Region

WE

Country/Region

Germany

Machine Type

81UH

Processor

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

Graphics

NVIDIA GeForce RTX 2070 Max-Q 8GB GDDR6

Chipset

Intel HM370

Memory

2x 8GB DIMM DDR4-2666

Storage

512GB SSD M.2 2280 PCIe NVMe + 1TB HDD 7200rpm 2.5"

Optane Memory

None

Display

15.6" HDR400 FHD (1920x1080) IPS 500nits Anti-glare, 144Hz, G-Sync

Touchscreen

None

Optical

None

Media Reader

None

Ethernet

100/1000M

Case Material

Aluminum

WLAN + Bluetooth

Killer 1550i 11ac, 2x2 + BT5.0

Camera

720p

Microphone

2x, Array

Color

Iron Grey

Keyboard

RGB LED Backlit, German

Fingerprint Reader

None

TPM

None

Battery

Integrated 57Wh

Power Adapter

230W Slim Tip

Operating System

Windows 10 Home 64, German

Bundled Software

Office Trial

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC / JAN

194778136624

End of Support

2026-01-24

Announce Date

2019-12-24



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Lenovo Legion Y740-15IRHg Platform Specifications

Product Specifications Reference (PSREF)

Processor	9th Generation Intel® Core™ i7 Processor								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>		
	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)						Camera Audio support	720p HD, 1.0MP resolution, fixed focus, with dual array microphone HD Audio, Realtek ALC3286 codec / Dolby Atoms® speakers system for gaming certification, stereo speakers, 2W x 2, dual array microphone, headphone / microphone combo jack		
	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)										Keyboard	6-row, multimedia Fn keys, RGB LED backlight with CORSAIR® iCUE, support anti-ghost	
Chipset	Mobile Intel HM370 Chipset										Touchpad	2-button Mylar surface multi-touch touchpad
Memory	32GB max offering / 2666MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets										Security	Power-on password, hard-disk password, supervisor password, security keyhole
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										Security chip	None
											Fingerprint reader	None
											Battery	Integrated Li-ion 57Wh battery
Multi-touch	None										Max battery life	MobileMark® 2014: 5 hr <i>* Battery life varies significantly with settings, usage, & other factors</i>
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										AC adapter	230W slim tip AC adapter
Optane Memory	Optional 16GB Intel Optane™ Memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2										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
Optical	None											
Ethernet	Gigabit Ethernet connection										Limited warranty	One of the following, configurable by model: • 1-year carry-in repair service • 2-year/2-yr battery carry-in repair service
WLAN	Killer™ Wireless-AC 1550i, Wi-Fi 2x2 802.11ac + BT5.0, M.2 Card										Environment	ErP lot3; RoHS-compliant
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter											
Dimensions	WxDxH: 14.21" x 10.43" x 0.79-0.94"; 361mm x 265mm x 19.95-23.85mm											
Weight	4.8 lb / 2.2 kg											
Case color	Iron grey											
Case material	Aluminium											
Lighting	• "Y" Logo RGB lighting on display cover • Strip RGB lighting on thermal vent • RGB spot lighting on left and right											

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

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