

Lenovo Legion Y740-15IRH Platform Specifications

Product Specifications Reference (PSREF)

Processor	9th Generation Intel® Core™ i7 Processor <table border="1"> <thead> <tr> <th>Processor Number</th> <th># of Cores</th> <th># of Threads</th> <th>Base Frequency</th> <th>Max Turbo Frequency</th> <th>Cache</th> <th>Memory Types</th> <th>Processor Graphics</th> </tr> </thead> <tbody> <tr> <td>i7-9750H</td> <td>6</td> <td>12</td> <td>2.6 GHz</td> <td>4.5 GHz</td> <td>12MB</td> <td>DDR4-2666</td> <td>Intel UHD Graphics 630</td> </tr> </tbody> </table>	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	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	<table border="1"> <thead> <tr> <th>Integrated Graphics</th> <th>Discrete Graphics (Memory)</th> </tr> </thead> <tbody> <tr> <td>Intel UHD Graphics 630</td> <td>NVIDIA® GeForce® GTX 1660 Ti (6GB GDDR6 memory), VR ready</td> </tr> </tbody> </table> 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)	Integrated Graphics	Discrete Graphics (Memory)	Intel UHD Graphics 630	NVIDIA® GeForce® GTX 1660 Ti (6GB GDDR6 memory), VR ready	Camera 720p HD, 1.0MP resolution, fixed focus, with dual array microphone Audio support HD Audio, Realtek ALC3286 codec / Dolby Atmos® speakers system for gaming certification, stereo speakers, 2W x 2, dual array microphone, headphone / microphone combo jack												
Integrated Graphics	Discrete Graphics (Memory)																	
Intel UHD Graphics 630	NVIDIA® GeForce® GTX 1660 Ti (6GB GDDR6 memory), VR ready																	
Chipset Memory	Mobile Intel HM370 Chipset 32GB max offering / 2666MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets	Keyboard 6-row, multimedia Fn keys, RGB LED backlight with CORSAIR® iCUE, support anti-ghost Touchpad 2-button Mylar surface multi-touch touchpad																
Display	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, WVA, 300 nits, 16:9 aspect ratio, 72% gamut, refresh rate 144Hz, Dolby® Vision 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, WVA, 500 nits, 16:9 aspect ratio, 72% gamut, refresh rate 144Hz, VESA HDR400 display, Dolby Vision 	Security Power-on password, hard-disk password, supervisor password, security keyhole Security chip Firmware TPM 2.0 integrated in chipset Fingerprint reader None																
Multi-touch	None	Battery Integrated Li-Polymer 57Wh battery Max battery life MobileMark® 2014: 5 hr <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>																
Storage	<i>Up to 2 drives (one HDD and one M.2 SSD):</i> <ul style="list-style-type: none"> 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 Optical	Optional 16GB Intel Optane™ Memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2 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 																
Ethernet	Gigabit Ethernet connection	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 																
WLAN Bluetooth™ Dimensions Weight Case color Case material Lighting	Killer™ Wireless-AC 1550i, Wi-Fi 2x2 802.11ac + BT5.0, M.2 Card Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter <i>WxDxH:</i> 14.21" x 10.43" x 0.79-0.94"; 361mm x 265mm x 19.95-23.85mm 4.8 lb / 2.2 kg Iron grey Aluminium <ul style="list-style-type: none"> "Y" Logo RGB lighting on display cover Strip RGB lighting on thermal vent RGB spot lighting on left and right 	Environment ErP lot3; RoHS-compliant																

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

Lenovo
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