

Lenovo Legion Y540-15IRH-PG0 Platform Specifications

Product Specifications Reference (PSREF)

| | | | | | | | | | | |
|---------------|---|------------|--|----------------|---------------------|---------------|--------------|------------------------|--------------------|---|
| Processor | 9th Generation Intel® Core™ i5 / i7 Processor | | | | | | | | Dimensions | <i>WxDxH:</i> 14.17" x 10.51" x 0.95-0.99"; 360mm x 267mm x 24.2-25.2mm |
| | Processor Number | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache | Memory Types | Processor Graphics | Weight | Approx 5.07 lb / 2.3 kg |
| | i5-9300H | 4 | 8 | 2.4 GHz | 4.1 GHz | 8MB | DDR4-2666 | Intel UHD Graphics 630 | Case color | Black |
| i7-9750H | 6 | 12 | 2.6 GHz | 4.5 GHz | 12MB | Case material | | | PC/ABS plastic | Lighting |
| Graphics | Integrated Graphics | | Discrete Graphics (Memory) | | | | | | Media reader | None |
| | Intel UHD Graphics 630 | | NVIDIA® GeForce® GTX 1650 (4GB GDDR5 memory) | | | | | | Ports | One USB 3.1 Gen 1 (one 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> |
| Chipset | Mobile Intel HM370 Chipset | | | | | | | | Camera | 720p HD, 1.0MP resolution, fixed focus, with dual array microphone |
| Memory | 32GB max offering / 2666MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets | | | | | | | | Audio support | HD Audio, Realtek ALC3287 codec / Dolby Atmos® for Gaming PC, Harman® stereo speakers with chamber, 2W x 2, dual array microphone, headphone / microphone combo jack |
| 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, IPS, 250 nits, 16:9 aspect ratio, 45% gamut, refresh rate 60Hz 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, refresh rate 60Hz 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, refresh rate 144Hz | | | | | | | | Keyboard | 6-row, multimedia Fn keys, numeric keypad, white LED backlight |
| Multi-touch | None | | | | | | | | Touchpad | 2-button Mylar surface multi-touch touchpad |
| 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 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 | | | | | | | | Security | Power-on password, hard disk password, administrator password, security keyhole |
| Optane Memory | Optional 16GB Intel Optane Memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2 | | | | | | | | Security chip | Firmware TPM 2.0 integrated in chipset |
| Optical | None | | | | | | | | Fingerprint reader | None |
| Ethernet | Gigabit Ethernet connection | | | | | | | | Battery | Integrated Li-ion 52.5Wh battery |
| WLAN | <i>One of the following, configurable by model:</i> <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 | | | | | | | | Max battery life | <i>MobileMark® 2014:</i> 5 hr <i>* Battery life varies significantly with settings, usage, & other factors</i> |
| Bluetooth™ | Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter | | | | | | | | AC adapter | 170W slim tip AC adapter |
| | | | | | | | | | Preload (opt) | <i>Preloaded operating system</i> <ul style="list-style-type: none"> Windows® 10 Home 64 Preloaded applications (only some listed) Microsoft Office Trial (with 30-day license) |
| | | | | | | | | | 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 |
| | | | | | | | | | Environment | ErP lot 3; RoHS-compliant |

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

Lenovo, August 2019