Lenovo Legion Y540-15IRH 81SX00DXBM

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Product

Lenovo Legion Y540-15IRH

Region

EET

Country

Bulgaria

Machine Type

81SX

Processor

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

Graphics

NVIDIA GeForce GTX 1660 Ti 6GB GDDR6

Chipset

Intel HM370

Memory

1x 8GB DDR4-2666

Display

15.6" FHD (1920x1080) IPS 250nits Anti-glare, 60Hz

Multi-touch

None

Storage

1TB HDD 7200rpm 2.5" + 128GB SSD M.2 2242 PCIe

3.0x2 NVMe

Optane Memory

None

Optical

None

Media Reader

None

Ethernet

100/1000M

WLAN + Bluetooth

11ac. 2x2 + BT4.2

Color

Black

Camera

720p

Microphone

Dual Array

Keyboard

Backlit

Fingerprint Reader

None

TPM

FW TPM 2.0

Battery

Integrated 57Wh

Power Adapter 230W Slim Tip

Operating System

None

Bundled Software

None

Warranty 2-year, Depot

EAN / UPC 193638389422

Announce Date

2019-06-11

Notes:

Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences. https://www.lenovo.com/hk/en/battery-info



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Lenovo Legion Y540-15IRH Platform Specifications

Processor for for Base Max Turbo Cache Memory Processor Number Cores Threats Frequency Freduct Frequency Freduct Frequency Freduct Frequency Freduct Fre				
Number Cores Threads Fequency Fequen	Processor			
Graphics				Black
Graphics The content of the conte		i5-9300H 4 8 24 GHz 41 GHz 8MB Intel LIED Craphica		
Integrated Graphics Discrete Graphics (Memory) Discrete Graphics (Memory) Ports One LSB 3.1 Gen 1, one Always On), two USB 3.1 Gen 1, one LSB 3.1 Type-C Gen 17 (with the function of DisplayPort 1.2), HDMI 2.0, Ethernet (RJ-45), Mini DisplayPort 1.2, HDMI 2.0, HDMI 2		10084-2666		
Intel UHD Graphice S30 WIDIA GeFore RTX 2000 (6GB GDDR6 memory), VR ready	Graphics	Integrated Graphics Discrete Graphics (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,
supports external digital monitor via HDMI, Mini DP or USB Type-C; supports three independent displays; Max resolution: 3840x2160@60Hz (HDMI); 7680x4320@60Hz (Mini DP 1.4); 3840x2160@60Hz (USB Type-C) Sadvox160@60Hz (USB Type-		Intel LHI (Graphics 630)		
Memory 32GB max offering / 2668MHz 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, 250 nits, 16:9 aspect ratio, 45% gamut, 60Hz 15.6° (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, 60Hz 15.6° (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, 144Hz None Multi-touch None Storage Up to 2 drives (one HDD and one M2 SSD): HDD / SATA 6.0Gb/s, 2.5° wide, 7mm high M.2 SSD / PCle NVMe, PCle 3.0 x 2, 16Gb/s (e.g. xxxGB SSD M.2 2242 PCle NVMe) Optical Optione Memory Optical Cone of the following, configurable by model: 802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card 802.11ac 1x2 Wi-Fi + Bluetooth 4.2, M.2 Card 802.11ac 1x2 Wi-Fi + Bluetooth 4.2, M.2 Card 802.11ac 1x1 Wi-Fi + Bluetooth 4.2 wirel		supports three independent displays; Max resolution: 3840x2160@60Hz (HDMI); 7680x4320@60Hz (Mini DP 1.4); 3840x2160@60Hz (USB Type-C)		720p HD, 1.0MP resolution, fixed focus, with dual array microphone HD Audio, Realtek ALC3287 codec / Dolby Atoms® for Gaming PC, Harman® stereo speakers with chamber, 2W x 2,
Display One of the following, configurable by model: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 72% gamut, 60Hz 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, 60Hz 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, 60Hz None Multi-touch None None Storage Up to 2 drives (one HDD and one M.2 SSD): HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high Mult SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s (e.g. xxxGB SSD M.2 2242 PCIe NVMe) Optical None Optical WLAN One of the following, configurable by model: 802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card Bluetooth* Bluetooth 4.2 wireless, integrated in wi-Fi + Bluetooth combo adapter Security chip Firmware TPM 2.0 integrated in chipset Firmware TPM 2.0 integrated Li-ion 57Wh battery MobileMark® 2014: 5 hr Wacadapter Preloaded Limit Battery Max battery life Battery Max battery life Battery Max battery life Battery MobileMark® 2014: 5 hr Wacadapter Preloaded Operating system Windows® 10 Home 64 Preloaded applications (only some listed) • Microsoft Office Trial (with 30-day license) • 1-year depot repair service Firmware TPM 2.0 integrated Li-ion 57Wh battery MobileMark® 2014: 5 hr Wacadapter South Saltery MobileMark® 2014	Chipset Memory	32GB max offering / 2666MHz DDR4, dual-channel capable,		6-row, multimedia Fn keys, numeric keypad, white LED backlight 2-button Mylar surface multi-touch touchpad
## 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, 60Hz ## 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, 144Hz ## None Multi-touch None Multi-touch None ## 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, 144Hz ## None Multi-touch None ## AC adapter Preload (opt) ## Preloaded operating system ## Windows* 10 Home 64 ## Preloaded applications (only some listed) ## Microsoft Office Trial (with 30-day license) ## Microsoft Office Trial (with 30-day license) ## Limited warranty One of the following, configurable by model: ## 802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card ## Bluetooth* Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter ## Ac adapter Preload (opt) ## Preloaded operating system ## Windows* 10 Home 64 ## Preloaded applications (only some listed) ## Microsoft Office Trial (with 30-day license) ## Image: Ac adapter ## Dattery life waries significantly with settings, usage, & other factors 230W slim tip AC adapter ## 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: ## 2-year/1-yr battery depot repair service ## ErP lot 3; RoHS-compliant ## Preloaded operating system ## Preloaded operating system ## Windows* 10 Home 64 ## Preloaded applications (only some listed) ## Preloaded operating system ## Windows* 10 Home 64 ## Preloaded applications (only some listed) ## One of the following, configurable by model: ## 1-year depot repair service ## 2-year/1-yr battery life waries significantly with settings, usage, & other factors ## One of the following, configurable by model: ## 15.6" (30 Home 1) ## Preloaded operating system ## One of the following, configurable by model: ## 15.6" (30 Home 1) ## 15.6" (30 Home 1) ## 15.6"	Display	One of the following, configurable by model: • 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS,	Security chip	
Multi-touch None Storage We for 2 drives (one HDD and one M.2 SSD): HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high Multi-touch None M.2 SSD / PCle NVMe, PCle 3.0 x 2, 16Gb/s (e.g. xxxGB SSD M.2 2242 PCle NVMe) Poptical Optane Memory Optical 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 Bluetooth™ Bluetooth™ AC adapter Preload (opt) Preloaded applications (only some listed) Nindows® 10 Home 64 Preloaded applications (only some listed) Nicrosoft Office Trial (with 30-day license) Limited warranty One of the following, configurable by model: 1-year depot repair service 2-year/1-yr battery depot repair service Environment ErP lot 3; RoHS-compliant ErP lot 3; RoHS-compliant		 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, 60Hz 		MoĎileMark® 2014: 5 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 SSD / PCle NVMe, PCle 3.0 x 2, 16Gb/s (e.g. xxxGB SSD M.2 2242 PCle NVMe) M.2 SSD / PCle NVMe, PCle 3.0 x 4, 32Gb/s (e.g. xxxGB SSD M.2 2280 PCle NVMe) Optane Memory Optical None None Ethernet		300 nits, 16:9 aspect ratio, 72% gamut, 144Hz	AC adapter	
HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high M.2 SSD / PCle NVMe, PCle 3.0 x 2, 16Gb/s (e.g. xxxGB SSD M.2 2242 PCle NVMe) M.2 SSD / PCle NVMe, PCle 3.0 x 4, 32Gb/s (e.g. xxxGB SSD M.2 2280 PCle NVMe) Optane Memory Optical None Clear of the following, configurable by model: 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 802.11ac 2x2 Wi-Fi + Bluetooth 4.2, M.2 Card 802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card 802.11ac 2x2 wi-Fi + Bluetooth 4.2 M.2 Card	-		Preload (opt)	
(e.g. xxxGB SSD M.2 2242 PCle NVMe) M.2 SSD / PCle NVMe, PCle 3.0 x 4, 32Gb/s (e.g. xxxGB SSD M.2 2280 PCle NVMe) Optane Memory Optical None None Gigabit Ethernet connection WLAN One of the following, configurable by model: • 1-year depot repair service • 2-year/1-yr battery depot repair service ErP lot 3; RoHS-compliant ErP lot 3; RoHS-compliant ErP lot 3; RoHS-compliant Bluetooth 1.2 Wi-Fi + Bluetooth 4.2, M.2 Card • 802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter	Storage	HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high		Preloaded applications (only some listed)
Optical None 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 Bluetooth™ Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter	Outro Manager	(e.g. xxxGB SSD M.2 2242 PCIe NVMe) ■ M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxGB SSD M.2 2280 PCIe NVMe)	Limited warranty	1-year depot repair service
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 Bluetooth™ Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter	Optical		Environment	ErP lot 3; RoHS-compliant
802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card 802.11ac 2x2 Wi-Fi + Bluetooth 4.2, M.2 Card Bluetooth™ Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter	Ethernet	Gigabit Ethernet connection		
	WLAN	 802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card 802.11ac 2x2 Wi-Fi + Bluetooth 4.2, M.2 Card 		
	Bluetooth™			

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















