

Lenovo Legion Y545 81Q60002US

Product

Lenovo Legion Y545

Region

NA

Country/Region

USA

Machine Type

81Q6

Processor

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

Graphics

NVIDIA GeForce GTX 1660 Ti 6GB GDDR6

Chipset

Intel HM370

Memory

2x 8GB SO-DIMM DDR4-2666

Storage

512GB SSD M.2 2242 PCIe NVMe 3.0x2 + 1TB HDD
7200rpm 2.5"

Optane Memory

None

Display

15.6" FHD (1920x1080) WVA 300nits Anti-glare, 144Hz

Touchscreen

None

Optical

None

Media Reader

None

Ethernet

100/1000M

Case Material

Aluminum

WLAN + Bluetooth

11ac, 2x2 + BT4.2

Camera

720p

Microphone

2x, Array

Color

Iron Grey

Keyboard

Backlit, English (US)

Fingerprint Reader

None

TPM

FW TPM 2.0

Battery

Integrated 57Wh

Power Adapter

230W Slim Tip

Operating System

Windows 10 Home 64, English

Bundled Software

Office Trial

Base Warranty

1-year, Depot

Bundled Service

None

EAN / UPC / JAN

193386230014

End of Support

2025-07-21

Announce Date

2019-06-03

Recommended Services**Best**

3Y Premium Care with Onsite upgrade from 1Y Depot/CCI
(5WS0T73708)

Better

3Y Onsite upgrade from 1Y Depot/CCI delivery
(5WS0K76356)

Good

3Y Depot/CCI upgrade from 1Y Depot/CCI delivery
(5WS0K76347)

Notes:**California Electronic Waste Recycling Fee**

In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to: <https://www.calrecycle.ca.gov/Electronics/Consumer>

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Lenovo Legion Y545 Platform Specifications

Product Specifications Reference (PSREF)



Processor	9th Generation Intel® Core™ i5 / i7 Processor								Dimensions WxDxH: 14.22" x 10.5" x 0.97-1.05"; 361.1mm x 266.7mm x 24.7-26.6mm Weight Approx 5.18 lb / 2.35 kg Case color Iron grey Case material Aluminum Lighting "Y" Logo lighting on display cover
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	
	i5-9300H	4	8	2.4 GHz	4.1 GHz	8MB	DDR4-2666	Intel UHD Graphics 630	
	i5-9300HF							-	
	i7-9750H	6	12	2.6 GHz	4.5 GHz	12MB		Intel UHD Graphics 630	
i7-9750HF	-								
Graphics	Integrated Graphics		Discrete Graphics (Memory)						
	Intel UHD Graphics 630		NVIDIA® GeForce® GTX 1660 Ti (6GB GDDR6 memory), VR ready NVIDIA GeForce RTX™ 2060 (6GB GDDR6 memory), VR ready						
	-		NVIDIA GeForce GTX 1660 Ti (6GB GDDR6 memory), VR ready NVIDIA GeForce RTX 2060 (6GB GDDR6 memory), VR ready						
	supports external digital monitor via HDMI, MiniDP or USB Type-C; supports four independent displays; Max resolution: 3840x2160@60Hz (HDMI); 7680x4320@60Hz (MiniDP 1.4); 3840x2160@60Hz (USB Type-C)								
Chipset	Mobile Intel HM370 Chipset 32GB max offering / 2666MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets								
Memory	Mobile Intel HM370 Chipset 32GB max offering / 2666MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets								
Display	<p>One of the following, configurable by model:</p> <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 60Hz 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, WVA, 300 nits, 16:9 aspect ratio, 72% gamut, refresh rate 144Hz 								
Multi-touch	None								
Storage	<p>Up to 2 drives (one HDD and one M.2 SSD):</p> <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 								
Optane Memory	None								
Optical	None								
Ethernet	Gigabit Ethernet connection								
WLAN	<p>One of the following, configurable by model:</p> <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 								
Bluetooth™	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter								
Camera	720p HD, 1.0MP resolution, fixed focus, with dual array microphone HD Audio, Realtek ALC3287 codec / Dolby Atmos® for Gaming PC, Harman® speakers with chamber, 2W x 2, dual array microphone, headphone / microphone combo jack								
Audio support	720p HD, 1.0MP resolution, fixed focus, with dual array microphone HD Audio, Realtek ALC3287 codec / Dolby Atmos® for Gaming PC, Harman® speakers with chamber, 2W x 2, dual array microphone, headphone / microphone combo jack								
Keyboard	6-row, multimedia Fn keys, numeric keypad, white LED backlight								
Touchpad	Buttonless Mylar surface multi-touch touchpad								
Security	Power-on password, hard disk password, administrator password, security keyhole Firmware TPM 2.0 integrated in chipset								
Security chip	Firmware TPM 2.0 integrated in chipset								
Fingerprint reader	None								
Battery	Integrated Li-Polymer 57Wh battery								
Max battery life (MobileMark® 2014)	Models		UHD Graphics		GTX 1660 Ti		RTX 2060		
	Max battery life		10 hr		3.8 hr		3.4 hr		
* Battery life varies significantly with hardware configurations, settings, usage, & other factors									
AC adapter	230W slim tip AC adapter								
Preload (opt)	<p>Preloaded operating system</p> <ul style="list-style-type: none"> Windows® 10 Home 64 Windows 10 Pro 64 <p>Preloaded applications (only some listed)</p> <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 Microsoft Office Personal 2019 								
Limited warranty	<p>One of the following, configurable by model:</p> <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
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