

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									
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Weight	Approx 5.18 lb / 2.35 kg									
	i5-9300H	4	8	2.4 GHz	4.1 GHz	8MB	DDR4-2666	Intel UHD Graphics 630	Case color	Iron grey									
	i5-9300HF							-	Case material	Aluminum									
	i7-9750H	6	12	2.6 GHz	4.5 GHz	12MB		Intel UHD Graphics 630	Lighting	"Y" Logo lighting on display cover									
i7-9750HF	-							Media reader	None										
								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>										
Graphics	Integrated Graphics		Discrete Graphics (Memory)						Camera	720p HD, 1.0MP resolution, fixed focus, with dual array microphone									
	Intel UHD Graphics 630		NVIDIA® GeForce® GTX 1660 Ti (6GB GDDR6 memory), VR ready NVIDIA GeForce RTX™ 2060 (6GB GDDR6 memory), VR ready						Audio support	HD Audio, Realtek ALC3287 codec / Dolby Atmos® for Gaming PC, Harman® speakers with chamber, 2W x 2, dual array microphone, headphone / microphone combo jack									
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)								Keyboard	6-row, multimedia Fn keys, numeric keypad, white LED backlight										
								Touchpad	Buttonless Mylar surface multi-touch touchpad										
Chipset	Mobile Intel HM370 Chipset							Security	Power-on password, hard disk password, administrator password, security keyhole										
Memory	32GB max offering / 2666MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets							Security chip	Firmware TPM 2.0 integrated in chipset										
								Fingerprint reader	None										
Display	One of the following, configurable by model:							Battery	Integrated Li-Polymer 57Wh battery										
	<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 							Max battery life (MobileMark® 2014)	<table border="1"> <thead> <tr> <th>Models</th> <th>UHD Graphics</th> <th>GTX 1660 Ti</th> <th>RTX 2060</th> </tr> </thead> <tbody> <tr> <td>Max battery life</td> <td>10 hr</td> <td>3.8 hr</td> <td>3.4 hr</td> </tr> </tbody> </table>				Models	UHD Graphics	GTX 1660 Ti	RTX 2060	Max battery life	10 hr	3.8 hr
Models	UHD Graphics	GTX 1660 Ti	RTX 2060																
Max battery life	10 hr	3.8 hr	3.4 hr																
Multi-touch	None							<i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>											
Storage	Up to 2 drives (one HDD and one M.2 SSD):							AC adapter	230W slim tip AC adapter										
								Preload (opt)	Preloaded operating system										
Optical	None							<ul style="list-style-type: none"> Windows® 10 Home 64 Windows 10 Pro 64 Preloaded applications (only some listed) <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 											
Ethernet	Gigabit Ethernet connection							Limited warranty	One of the following, configurable by model:										
WLAN	One of the following, configurable by model:							<ul style="list-style-type: none"> 1-year depot repair service 2-year/1-yr battery depot repair service 											
Bluetooth™	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter							Environment	ErP lot 3; RoHS-compliant										

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

Lenovo
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