

**Lenovo Legion Y540 Intel® Core™ i7 i7-9750H Computadora portátil 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 1.51 TB HDD+SSD NVIDIA® GeForce RTX™ 2060 Wi-Fi 5 (802.11ac) Windows 10 Home Negro**



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**Marca :** Lenovo**Familia de productos:** Legion**Código del producto:**  
81SX000MUS**Nombre del producto :** Y540

Lenovo Legion Y540. Tipo de producto: Computadora portátil, Factor de forma: Concha. Familia de procesador: Intel® Core™ i7, Modelo del procesador: i7-9750H, Frecuencia del procesador: 2.6 GHz. Diagonal de la pantalla: 39.6 cm (15.6"), Tipo HD: Full HD, Resolución de la pantalla: 1920 x 1080 Pixel. Memoria interna: 16 GB, Tipo de memoria interna: DDR4-SDRAM. Capacidad total de almacenaje: 1.51 TB, Unidad de almacenamiento: HDD+SSD. Modelo de gráficos en tarjeta: Intel® UHD Graphics 630. Sistema operativo instalado: Windows 10 Home. Color del producto: Negro

<b>Design</b>		<b>Network</b>	
Product type *	Laptop	Bluetooth version	4.2
Product colour *	Black	WWAN	Not installed
Form factor *	Clamshell		
Housing material	Acrylonitrile butadiene styrene (ABS)	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Market positioning	Gaming	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
<b>Display</b>		<b>Ports &amp; interfaces</b>	
Display diagonal *	39.6 cm (15.6")	Ethernet LAN (RJ-45) ports	1
Display resolution *	1920 x 1080 pixels	HDMI ports quantity *	1
Touchscreen *	✗	HDMI version	2.0
HD type	Full HD	Mini DisplayPorts quantity	1
Panel type	IPS	Combo headphone/mic port	✓
LED backlight	✓	USB Sleep-and-Charge	✓
Native aspect ratio	16:9	USB Sleep-and-Charge ports	1
Dual-screen	✗		
<b>Processor</b>		<b>Performance</b>	
Processor manufacturer *	Intel	Motherboard chipset	Intel® HM370
Processor family *	Intel® Core™ i7		
Processor generation	9th gen Intel® Core™ i7	<b>Keyboard</b>	
Processor model *	i7-9750H	Pointing device	Touchpad
Processor cores	6	Numeric keypad *	✓
Processor threads	12	Keyboard backlit	✓
Processor boost frequency	4.5 GHz	Windows keys	✓
Processor frequency *	2.6 GHz	<b>Software</b>	
System bus rate	8 GT/s	Operating system architecture	64-bit
Processor cache	12 MB	Operating system installed *	Windows 10 Home
Processor cache type	Smart Cache	<b>Processor special features</b>	
Processor socket	BGA 1440	Intel® My WiFi Technology (Intel® MWT)	✓
Processor lithography	14 nm	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor operating modes	64-bit	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor codename	Coffee Lake	Intel® Turbo Boost Technology	2.0
Thermal Design Power (TDP)	45 W	Enhanced Intel SpeedStep Technology	✓
Configurable TDP-down	35 W	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Tjunction	100 °C		
Maximum number of PCI Express lanes	16		
PCI Express slots version	3.0		

Processor		Processor special features	
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel Clear Video Technology	✓
Memory		Processor special features	
Internal memory *	16 GB	Intel® InTru™ 3D Technology	✓
Internal memory type	DDR4-SDRAM	Intel® Quick Sync Video Technology	✓
Memory clock speed	2666 MHz	Intel Flex Memory Access	✓
Memory form factor	SO-DIMM	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory slots	2x SO-DIMM	Intel Trusted Execution Technology	✗
Maximum internal memory *	32 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Storage		Processor special features	
Total storage capacity *	1.51 TB	Intel® Secure Key	✓
Storage media *	HDD+SSD	Intel TSX-NI	✗
Total HDDs capacity	1 TB	Intel Stable Image Platform Program (SIPP)	✗
Number of HDDs installed	1	Intel® OS Guard	✓
HDD capacity	1 TB	Intel Software Guard Extensions (Intel SGX)	✓
HDD interface	SATA III	Intel 64	✓
HDD size	2.5"	Execute Disable Bit	✓
Total SSDs capacity	512 GB	Idle States	✓
Number of SSDs installed	1	Thermal Monitoring Technologies	✓
SSD capacity	512 GB	Processor package size	42 x 28 mm
Optical drive type *	✗	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Card reader integrated	✗	CPU configuration (max)	1
Graphics		Processor special features	
Discrete graphics card model *	NVIDIA® GeForce RTX™ 2060	Embedded options available	✗
Discrete graphics card memory	6 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Discrete graphics memory type	GDDR6	Intel Virtualization Technology (VT-x)	✓
On-board graphics card *	✓	Processor ARK ID	191045
Discrete graphics card *	✓	Battery	
On-board graphics card family	Intel® UHD Graphics	Battery technology	Lithium Polymer (LiPo)
On-board graphics card model *	Intel® UHD Graphics 630	Battery capacity *	57 Wh
On-board graphics card base frequency	350 MHz	Battery life (max)	5 h
On-board graphics card dynamic frequency (max)	1150 MHz	Power	
Maximum on-board graphics card memory	64 GB	AC adapter power	230 W
On-board graphics card DirectX version	12.0	DC-in jack	✓
On-board graphics card OpenGL version	4.5	Security	
On-board graphics card ID	0x3E9B	Cable lock slot	✓
Number of discrete graphics cards installed	1	Cable lock slot type	Kensington
Audio		Fingerprint reader	✗
Audio chip	Realtek ALC3287	Trusted Platform Module (TPM)	✓
Number of built-in speakers	2	Password protection	✓
Speakers manufacturer	Harman Kardon	Password protection type	HDD, Power on, SSD, Supervisor
Speaker power	2 W	Certificates	
Built-in microphone	✓	Compliance certificates	RoHS
Number of microphones	2	Weight & dimensions	
Camera		Width	360 mm
Front camera	✓	Depth	267 mm
Front camera resolution (numeric)	1 MP	Height (front)	2.42 cm
Front camera signal format	720p	Height (rear)	2.59 cm
Front camera HD type	HD	Weight *	2.3 kg
Network		Packaging content	
Wi-Fi	✓	AC adapter included *	✓
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Manual	✓
		Warranty card	✓
		Power cord included	✓

Network	Other features
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Antenna type	2x2
Ethernet LAN	✓
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✓

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