## Lenovo Legion Y7000 2019 81NS005MBM

Product Lenovo Legion Y7000 2019

**Region** EET

*Country/Region* Bulgaria

Machine Type 81NS

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

Graphics NVIDIA GeForce GTX 1660 Ti 6GB GDDR6

Chipset Intel HM370

Memory 2x 8GB DIMM DDR4-2666

Storage 1TB SSD M.2 2280 PCIe NVMe

**Optane Memory** None

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

Touchscreen None

**Optical** None

Media Reader None

*Ethernet* 100/1000M

Case Material PC / ABS

WLAN + Bluetooth 11ac, 2x2 + BT4.2

Camera 720p

*Microphone* 2x, Array

**Color** Raven Black

*Keyboard* Red LED Backlit, Bulgarian

*Fingerprint Reader* None

*TPM* FW TPM 2.0

Battery Integrated 57Wh

Power Adapter 230W Slim Tip

**Operating System** None

Bundled Software

Base Warranty 2-year, Depot

Bundled Service None

**EAN / UPC** 194632848267

*End of Support* 2026-01-03

**Announce Date** 2019-12-03

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## Lenovo Legion Y7000 2019 Platform Specifications

Product Specifications Reference (PSREF)

Processor	9th Generation Intel <sup>®</sup> Core <sup>™</sup> i5 / i7 Processor								Dimensions	WxDxH: 14.17" x 10.51" x 0.94-1.01"; 360mm x 267mm x 23.9-25.6mm		
	Processor # of				Max Turbo	Cache	Memory	Processor	Weight Case color	Approx 5.07 lb / 2.3 kg Raven black		
	Number	Cores	Threads	Frequency	Frequency		Types	Graphics Intel UHD Graphics	Case material	PC/ABS plastic		
	i5-9300H	4	8	2.4 GHz	4.1 GHz	8MB	DDR4-2666	630	Media reader Ports	"Y" Logo lighting on display cover		
	i5-9300HF							-		None One USB 3.1 Gen 1 (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 * Depending on many factors, actual data transfer speed may be lower than theoretical speed		
	i7-9750H	6	12	2.6 GHz	4.5 GHz	12MB		Intel UHD Graphics 630				
	i7-9750HF							-				
Graphics	Integrated	Graphic	s		Discrete	Graphi	cs (Memory	)	Camera Audio support	720p HD, 1.0MP resolution, fixed focus, with dual array microphone HD Audio. Realtek ALC3287 codec /		
	Intel UHD (	Graphic -	s 630 NV	NVIDIA® GeForce® GTX 1660 Ti (6GB GDDR6 memory), VR ready						Dolby Atoms® for Gaming PC, Harman® stereo speakers with chamber, 2W x 2, dual array microphone, headphone / microphone combo jack		
	Intel UHD Graphics 630 - NVIDIA GeForce RTX <sup>™</sup> 2060 (6GB GDDR6 memory), VR ready							nory), VR ready	Keyboard Touchpad	6-row, multimedia Fn keys, numeric keypad, red LED backlight 2-button Mylar surface multi-touch touchpad		
	supports external digital monitor via HDMI, MiniDP or USB Type-C; supports three independent displays; Max resolution: 3840x2160@60Hz (HDMI); 7680x4320@60Hz (MiniDP 1.4);								Security Security chip Fingerprint reade	Power-on password, hard disk password, administrator password, security keyhole Firmware TPM 2.0 integrated in chipset rNone		
Chipset	3840x2160@60Hz (USB Type-C) Mobile Intel HM370 Chipset 32GB max offering / 2666MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets								Battery Max battery life ( <i>MobileMark<sup>®</sup> 2014</i> )	Integrated Li-ion 57Wh battery		
Memory										ModelsUHD GraphicsGTX 1660 TiRTX 2060Max battery life10 hr3.8 hr3.4 hr		
Display	One of the following, configurable by model: • 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS,							PS	AC adapter	* Battery life varies significantly with settings, usage, & other factors adapter 230W slim tip AC adapter		
Multi-touch	<ul> <li>15.6 (396mm) FHD (1920x1060), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 45% gamut, refresh rate 60Hz</li> <li>15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, refresh rate 60Hz</li> <li>15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut, refresh rate 144Hz</li> <li>None</li> </ul>							PS,	Preload <i>(opt)</i>	Preloaded operating system • Windows® 10 Home 64 • Windows 10 Pro 64 Preloaded applications (only some listed) • Microsoft Office Trial (with 30-day license) • Microsoft Office Home and Student 2019		
Storage	Up to 2 drives (one HDD and one M.2 SSD):								Limited warranty One of the following, configurable by model: • 1-year depot repair service			
	<ul> <li>HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high</li> <li>M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s</li> </ul>									<ul> <li>2-year/1-yr battery depot repair service</li> </ul>		
Optane Memory Optical	<ul> <li>M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s</li> </ul>								Environment	ErP lot 3; RoHS-compliant		
Ethernet	Gigabit Ethernet connection								1			
WLAN Bluetooth <sup>™</sup>	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 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter							antor				
Diueloolii	Bluetooth	4.∠ WI	eless, Ini	egrateu în	VVI-FI + DIL	elooin	compo ad	apiei				

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

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