

Lenovo Legion 5 15ARH05 82B5007FBM

Product

Lenovo Legion 5 15ARH05

Region

EET

Country/Region

Bulgaria

Machine Type

82B5

Processor

AMD Ryzen 7 4800H (8C / 16T, 2.9 / 4.2GHz, 4MB L2 / 8MB L3)

Graphics

NVIDIA GeForce GTX 1650 4GB GDDR6

Chipset

AMD SoC Platform

Memory

1x 8GB SO-DIMM DDR4-3200

Storage

512GB SSD M.2 2242 PCIe NVMe 3.0x4

Display

15.6" FHD (1920x1080) IPS 250nits Anti-glare, 120Hz, 45% Gamut

Touchscreen

None

Optical

None

Media Reader

None

Ethernet

100/1000M

WLAN + Bluetooth

11ax, 2x2 + BT5.0

Bundled Accessories

None

Case Material

PC / ABS

Camera

720p

Microphone

2x, Array

Color

Phantom Black

Keyboard

Backlit, Bulgarian

Fingerprint Reader

None

TPM

FW TPM 2.0

Battery

Integrated 60Wh

Power Adapter

170W Slim Tip

Operating System

Windows 10 Home 64, English

Bundled Software

Office Trial

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC / JAN

195042561111

End of Support

2026-05-03

Announce Date

2020-04-15

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AMD

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Lenovo Legion 5 15ARH05 Platform Specifications

Product Specifications Reference (PSREF)



Processor	AMD Ryzen™ Mobile Processors with Radeon™ Graphics								Media reader Ports	None Four USB 3.1 Gen 1 (one Always On), one USB 3.1 Type-C Gen 1 (with the function of DisplayPort 1.2), HDMI 2.0, Ethernet (RJ-45), 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> Optional: Lenovo Legion M300 RGB Gaming Mouse (USB connector)
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics		
	Ryzen 5 4600H	6	12	3.0 GHz	4.0 GHz	3MB L2 / 8MB L3	DDR4-3200	AMD Radeon Graphics		
Ryzen 7 4800H	8	16	2.9 GHz	4.2 GHz	4MB L2 / 8MB L3					
Graphics	Integrated Graphics		Discrete Graphics (Memory)						Camera	720p HD, 1.0MP resolution, privacy shutter, fixed focus, with dual array microphone
	AMD Radeon Graphics		NVIDIA® GeForce® GTX 1650 (4GB GDDR6 memory) NVIDIA GeForce GTX 1650 Ti (4GB GDDR6 memory)							
supports external digital monitor via HDMI or USB Type-C; supports three independent displays; Max resolution: 4096x2160@60Hz (HDMI); 3840x2160@30Hz (USB Type-C)										
Chipset	AMD SoC (System on Chip) platform								Security	Power-on password, hard-disk password, supervisor password, security keyhole
Memory	16GB max offering / 3200MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets								Security chip	Firmware TPM 2.0 integrated in chipset
Display	One of the following, configurable by model:									
	<ul style="list-style-type: none"> 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 45% NTSC gamut, refresh rate 120Hz 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 100% sRGB gamut, refresh rate 144Hz, Dolby® Vision 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 100% sRGB gamut, refresh rate 60Hz 									
Multi-touch	None									
Storage	Up to 2 drives (one HDD and one M.2 SSD):									
Optical	<ul style="list-style-type: none"> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4 M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 4 									
	None									
Ethernet	Gigabit Ethernet connection									
WLAN + Bluetooth™	One of the following, configurable by model:									
Dimensions	WxDxH: 14.3" x 10.22" x 0.87-0.94"; 363.06mm x 259.61mm x 22-24mm									
	Weight	Starting at 5.07 lb / 2.3 kg								
Case color	Phantom black									
Case material	PC/ABS plastic									
Lighting	Legion "Y" logo with white backlit on display cover									
Battery	Integrated Li-Polymer 60Wh or 80Wh battery, supports Rapid Charge Pro (30 minutes 50%)								Max battery life	MobileMark® 2018: 13.5 hr (80Wh) or 12.5 hr (60Wh) <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>
AC adapter	170W slim tip AC adapter									
Preload (optional)	Preloaded operating system									
Limited warranty	<ul style="list-style-type: none"> Windows® 10 Home 64 Windows 10 Pro 64 									
	Preloaded applications (only some listed)									
Environment	<ul style="list-style-type: none"> Microsoft Office Trial (with 30-day license) Microsoft Office Home and Business 2019 Microsoft Office Home and Student 2019 Microsoft Office Professional 2019 Microsoft Office Personal 2019 Microsoft 365 Personal Microsoft 365 Family 									
	One of the following, configurable by model:									
<ul style="list-style-type: none"> 1-year depot repair service 1-year depot repair with 2-year system board repair service 2-year/1-yr battery depot repair service 										
ErP lot3; RoHS-compliant										

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

Lenovo
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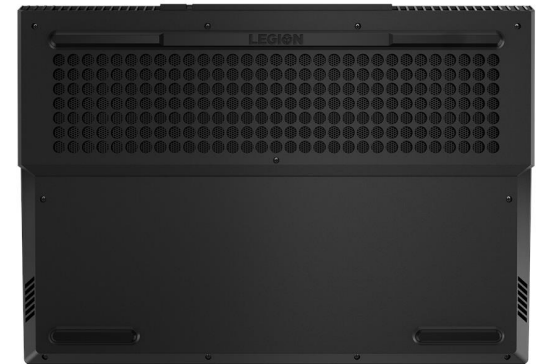
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