

Lenovo Legion 5 15ARH05 82B5008YCK

Product

Lenovo Legion 5 15ARH05

Region

EET

Country/Region

Czech, Slovakia

Machine Type

82B5

Processor

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

Graphics

NVIDIA GeForce GTX 1650 Ti 4GB GDDR6

Chipset

AMD SoC Platform

Memory

2x 8GB SO-DIMM DDR4-3200

Storage

512GB SSD M.2 2280 PCIe NVMe

Display

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

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, Czech / Slovak

Fingerprint Reader

None

TPM

FW TPM 2.0

Battery

Integrated 80Wh

Power Adapter

170W Slim Tip

Operating System

Windows 10 Home 64, English / Czech / Slovak

Bundled Software

Office Trial

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC / JAN

195042664720

End of Support

2026-05-13

Announce Date

2020-04-13

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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							Processor 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		
	Ryzen 5 4600H	6	12	3.0 GHz	4.0 GHz	3MB L2 / 8MB L3	DDR4-3200		
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)						
Audio support HD Audio, Realtek ALC3287 codec / Dolby Atmos® for Gaming Certification, Harman speakers, 2W x 2, dual array microphone, headphone / microphone combo jack									
Keyboard 6-row, multimedia Fn keys, white backlight or 4-Zone RGB LED backlight, numeric keypad, anti-ghost									
Touchpad Buttonless Mylar surface multi-touch touchpad									
Chipset	AMD SoC (System on Chip) platform							Security	Power-on password, hard-disk password, supervisor password, security keyhole
Memory	16GB max / 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 							Fingerprint reader	None
Multi-touch	None							Battery	Integrated Li-ion 60Wh or 80Wh battery, supports Rapid Charge Pro (30 minutes 50%)
Storage	Up to 2 drives (one HDD and one M.2 SSD): <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 							Max battery life	MobileMark® 2018: 13.5 hr (80Wh) or 12.5 hr (60Wh) <i>* Battery life varies significantly with settings, usage, & other factors</i>
Optical	None							AC adapter	170W slim tip AC adapter
Ethernet	Gigabit Ethernet connection							Preload (optional) Preloaded operating system	
WLAN + Bluetooth™	One of the following, configurable by model: <ul style="list-style-type: none"> 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card 802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card 							<ul style="list-style-type: none"> Windows® 10 Home 64 Windows 10 Pro 64 Preloaded applications (only some listed) 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 Office 365 Personal 	
Dimensions	WxDxH: 14.3" x 10.22" x 0.87-0.94"; 363.06mm x 259.61mm x 22-24mm							Limited warranty	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
Weight	Starting at 5.07 lb / 2.3 kg							Environment	ErP lot3; RoHS-compliant
Case color	Phantom black								
Case material	PC/ABS plastic								
Lighting	Legion "Y" logo with white backlit on display cover								

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

Lenovo
April 2020

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