

Lenovo Legion 5 17ARH05H 82GN0012GE

Product

Lenovo Legion 5 17ARH05H

Region

WE

Country/Region

Germany

Machine Type

82GN

Processor

AMD Ryzen 5 4600H (6C / 12T, 3.0 / 4.0GHz, 3MB L2 / 8MB L3)

Graphics

NVIDIA GeForce RTX 2060 6GB GDDR6

Chipset

AMD SoC Platform

Memory

2x 8GB SO-DIMM DDR4-3200

Storage

512GB SSD M.2 2242 PCIe NVMe 3.0x4

Display

17.3" FHD (1920x1080) WVA 300nits Anti-glare, 144Hz, 72% NTSC, Dolby Vision

Touchscreen

None

Optical

None

Media Reader

4-in-1 Card Reader

Ethernet

100/1000M

WLAN + Bluetooth

11ax, 2x2 + BT5.0

Bundled Accessories

None

Case Material

PC / ABS (Top), PC / ABS (Bottom)

Camera

720p

Microphone

2x, Array

Surface Treatment

Painting

Color

Phantom Black

Keyboard

Backlit, German

Fingerprint Reader

None

TPM

FW TPM 2.0

Battery

Integrated 80Wh

Power Adapter

230W Slim Tip

Operating System

Windows 10 Home 64, German

Bundled Software

Office Trial

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC / JAN

195235745281

End of Support

2026-09-13

Announce Date

2020-08-24



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AMD

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Lenovo Legion 5 17ARH05H Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD Ryzen™ Mobile Processors with Radeon™ Graphics							Media reader Ports	4-in-1 media reader (MMC, SD, SDHC, SDXC) Four USB 3.2 Gen 1 (one Always On), one USB 3.2 Type-C Gen 1 (with the function of DisplayPort 1.2), HDMI 2.0, Ethernet (RJ-45), headphone / microphone combo jack, card reader, 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 HD Audio, Realtek ALC3287 codec / Dolby Atmos® for gaming certification, Harman Kardon® speakers, 2W x 2, dual array microphone, headphone / microphone combo jack	
	AMD Radeon Graphics		NVIDIA® GeForce® GTX 1660 Ti (6GB GDDR6 memory), VR ready NVIDIA GeForce RTX 2060 (6GB GDDR6 memory), VR ready							
	supports external digital monitor via HDMI or USB Type-C; supports three independent displays; Max resolution: 3840x2160@60Hz (HDMI); 3840x2160@60Hz (USB Type-C)									
Chipset	AMD SoC (System on Chip) platform							Keyboard	6-row, multimedia Fn keys, white backlight, numeric keypad, anti-ghost	
Memory	16GB max offering / 3200MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets							Touchpad	Buttonless Mylar surface multi-touch touchpad	
Display	One of the following, configurable by model: 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, WVA, 300 nits, 16:9 aspect ratio, 72% NTSC gamut, refresh rate 60Hz 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, WVA, 300 nits, 16:9 aspect ratio, 72% NTSC gamut, refresh rate 144Hz, Dolby® Vision							Security	Power-on password, hard-disk password, supervisor password, security keyhole	
Multi-touch	None							Security chip	Firmware TPM 2.0 integrated in chipset	
								Fingerprint reader	None	
Storage	Up to 2 drives: - HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high - M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 4 - M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4							Battery	Integrated Li-Polymer 80Wh battery, supports Rapid Charge Pro (30 minutes 50%)	
Optical	None							Max battery life	MobileMark® 2018: 7.5 hr <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>	
								AC adapter	230W slim tip AC adapter	
Ethernet	Gigabit Ethernet connection							Preload (optional) 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 Business 2019 - Microsoft Office Home and Student 2019 - Microsoft Office Professional 2019 - Microsoft Office Personal 2019 - Microsoft 365 Personal - Microsoft 365 Family		
WLAN + Bluetooth™	One of the following, configurable by model: 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card 802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card							Limited warranty	One of the following, configurable by model: 1-year depot repair service 1-year depot repair with 2-year system board repair service 2-year/1-yr battery depot repair service	
Dimensions	WxDxH: 15.7" x 11.41" x 0.95-1"; 398.6mm x 290mm x 24.3-26.2mm							Environment	ErP lot3; RoHS-compliant	
Weight	6.57 lb / 2.98 kg									
Case color	Phantom black									
Surface treatment	Painting									
Case material	Display cover: PC/ABS plastic Bottom: PC/ABS plastic									

Note: The specifications above may not be available in all regions and might change by regions.

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