

Lenovo Legion 5 17ARH05H 82GN002XGE

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

None

Bundled Software

None

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC / JAN

195348466783

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
	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								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:								Fingerprint reader	None
	<ul style="list-style-type: none"> 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 								Battery	Integrated Li-Polymer 80Wh battery, supports Rapid Charge Pro (30 minutes 50%)
Multi-touch	None								Max battery life	MobileMark® 2018: 7.5 hr <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>
Storage	Up to 2 drives:								AC adapter	230W slim tip AC adapter
	<ul style="list-style-type: none"> 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 								Preload (optional)	Preloaded operating system
Optical	None									Preloaded applications (only some listed)
Ethernet	Gigabit Ethernet connection								Limited warranty	One of the following, configurable by model:
WLAN + Bluetooth™	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
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									
Case material	Surface treatment: Painting 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.

Lenovo
August 2020

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