Lenovo Legion 5 17ARH05H 82GN0015CK

Product
Lenovo Legion 5 17ARH05H

Region
EET

Country/Region
Czech, Slovakia

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 2280 PCIe 3.0x4 NVMe

Display
17.3" FHD (1920x1080) IPS 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, Czech / Slovak

Fingerprint Reader
None

TPM
FW TPM 2.0

Battery
Integrated 80Wh

Power Adapter
230W 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
195235797723

End of Support
2026-09-13

Announce Date
2020-08-24

Lenovo Legion 5 17ARH05H Platform Specifications

Processor — AMD Ryzen™ Mobile Processors with Radeon™ Graphics

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)
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

Memory — 16GB max offering / 3200MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets

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

Multi-touch — 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

Optical — None

Ethernet — Gigabit Ethernet connection

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

Dimensions — *WxDxH:* 15.7" x 11.41" x 0.95-1"; 398.6mm x 290mm x 24.3-26.2mm

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

Media reader — 4-in-1 media reader (MMC, SD, SDHC, SDXC)

Ports — 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
* Depending on many factors, actual data transfer speed may be lower than theoretical speed

Bundled Accy — *Optional:* Lenovo Legion M300 RGB Gaming Mouse (USB connector)

Camera — 720p HD, 1.0MP resolution, privacy shutter, fixed focus, with dual array microphone

Audio support — HD Audio, Realtek ALC3287 codec /
Dolby Atoms® for gaming certification, Harman Kardon® speakers, 2W x 2,
dual array microphone, headphone / microphone combo jack

Keyboard — 6-row, multimedia Fn keys, white backlight, numeric keypad, anti-ghost

Touchpad — Buttonless Mylar surface multi-touch touchpad

Security — Power-on password, hard-disk password, supervisor password, security keyhole

Security chip — Firmware TPM 2.0 integrated in chipset

Fingerprint reader — None

Battery — Integrated Li-Polymer 80Wh battery, supports Rapid Charge Pro (30 minutes 50%)

Max battery life — *MobileMark® 2018:* 6.1 hr
* Battery life varies significantly with hardware configurations, settings, usage, & other factors

AC adapter — 230W slim tip AC adapter

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

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

Environment — ErP lot3; RoHS-compliant

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

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