

# Lenovo Legion 5 15ARH05H 82B1006CCK

**Product**

Lenovo Legion 5 15ARH05H

**Region**

EET

**Country/Region**

Czech, Slovakia

**Machine Type**

82B1

**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**

1x 8GB SO-DIMM DDR4-3200

**Storage**

512GB SSD M.2 2280 PCIe NVMe

**Display**

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

**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

**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**

FreeDOS

**Bundled Software**

None

**Base Warranty**

2-year, Depot

**Bundled Service**

None

**EAN / UPC / JAN**

195235936658

**End of Support**

2026-09-13

**Announce Date**

2020-08-13

 [WWW.LENOVO.COM](http://WWW.LENOVO.COM)

Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area.

Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors.

Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.



<https://psref.lenovo.com>

Visit psref website for the latest version of Product specifications Reference.

© Lenovo, 2020. All rights reserved.



AMD

Lenovo™

# Lenovo Legion 5 15ARH05H Platform Specifications

Product Specifications Reference (PSREF)



Processor	AMD Ryzen™ Mobile Processors with Radeon™ Graphics							Processor Graphics	Media reader Ports None 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, 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	AMD Radeon Graphics			
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						
Chipset	AMD SoC (System on Chip) platform							Audio support HD Audio, Realtek ALC3287 codec / Dolby Atmos® for Gaming Certification, Harman Kardon® speakers, 2W x 2, dual array microphone, headphone / microphone combo jack	
Memory	16GB max offering / 3200MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets								
Display	One of the following, configurable by model:							Keyboard 6-row, multimedia Fn keys, white backlight or 4-Zone RGB LED backlight, numeric keypad, anti-ghost	
	<ul style="list-style-type: none"> <li>15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, WVA, 250 nits, 16:9 aspect ratio, 45% NTSC gamut, refresh rate 120Hz</li> <li>15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, WVA, 300 nits, 16:9 aspect ratio, 100% sRGB gamut, refresh rate 144Hz, Dolby® Vision</li> <li>15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, WVA, 300 nits, 16:9 aspect ratio, 100% sRGB gamut, refresh rate 60Hz</li> </ul>								
Multi-touch	None							Touchpad Buttonless Mylar surface multi-touch touchpad	
Storage	Up to 2 drives:							Security Power-on password, hard-disk password, administrator password, security keyhole	
Optical	<ul style="list-style-type: none"> <li>HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high</li> <li>M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 4</li> <li>M.2 2280SSD / PCIe NVMe, PCIe 3.0 x 4</li> </ul>							Security chip Firmware TPM 2.0 integrated in chipset	
	Ethernet	Gigabit Ethernet connection							Fingerprint reader None
WLAN + Bluetooth™	One of the following, configurable by model:							Battery Integrated Li-Polymer 60Wh or 80Wh battery, supports Rapid Charge Pro (30 minutes 50%) Max battery life <i>MobileMark® 2018: 5.7 hr (80Wh) or 4.2 hr (60Wh)</i> <i>* Battery life varies significantly with hardware configurations, settings, usage, &amp; other factors</i>	
Dimensions	<ul style="list-style-type: none"> <li>802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card</li> <li>802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card</li> </ul>								
	Weight	Starting at 5.42 lb / 2.46 kg							AC adapter 230W slim tip AC adapter
Case color	Phantom black							Preload (optional) Preloaded operating system <ul style="list-style-type: none"> <li>Windows® 10 Home 64</li> <li>Windows 10 Pro 64</li> <li>Preloaded applications (only some listed) <ul style="list-style-type: none"> <li>Microsoft Office Trial (with 30-day license)</li> <li>Microsoft Office Home and Business 2019</li> <li>Microsoft Office Home and Student 2019</li> <li>Microsoft Office Professional 2019</li> <li>Microsoft Office Personal 2019</li> <li>Microsoft 365 Personal</li> <li>Microsoft 365 Family</li> </ul> </li> </ul>	
Case material	PC/ABS plastic								
Note: The specifications above may not be available in all regions and might change by regions.								Limited warranty One of the following, configurable by model: <ul style="list-style-type: none"> <li>1-year depot repair service</li> <li>1-year depot repair with 2-year system board repair service</li> <li>2-year/1-yr battery depot repair service</li> </ul>	
Environment ErP lot3; RoHS-compliant									

# Lenovo Legion 5 15ARH05H



AMD



AMD



AMD



AMD



AMD



AMD