

# Lenovo Legion 5 15ARH05H 82B1004XCK

**Product**

Lenovo Legion 5 15ARH05H

**Region**

EET

**Country/Region**

Czech, Slovakia

**Machine Type**

82B1

**Processor**

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

**Graphics**

NVIDIA GeForce GTX 1660 Ti 6GB GDDR6

**Chipset**

AMD SoC Platform

**Memory**

2x 8GB SO-DIMM DDR4-3200

**Storage**

512GB SSD M.2 2242 PCIe NVMe 3.0x4

**Display**

15.6" FHD (1920x1080) IPS 300nits Anti-glare, 60Hz, 100% sRGB

**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**

None

**Bundled Software**

None

**Base Warranty**

2-year, Depot

**Bundled Service**

None

**EAN / UPC / JAN**

195235797839

**End of Support**

2026-09-13

**Announce Date**

2020-08-13

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# Lenovo Legion 5 15ARH05H Platform Specifications

Product Specifications Reference (PSREF)



Processor	AMD Ryzen™ Mobile Processors with Radeon™ 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	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: 4096x2160@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	<i>One of the following, configurable by model:</i>									
	<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									
Storage	<i>Up to 2 drives:</i>									
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>									
	None									
Ethernet	Gigabit Ethernet connection									
WLAN + Bluetooth™	<i>One of the following, configurable by model:</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								
Case color	Phantom black									
Case material	PC/ABS plastic									
Security	Power-on password, hard-disk password, administrator password, security keyhole									
	Firmware TPM 2.0 integrated in chipset									
Security chip	Firmware TPM 2.0 integrated in chipset									
Fingerprint reader	None									
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>									
AC adapter	230W slim tip AC adapter									
Preload (optional)	<i>Preloaded operating system</i>									
	<ul style="list-style-type: none"> <li>Windows® 10 Home 64</li> <li>Windows 10 Pro 64</li> </ul>									
Preload (optional)	<i>Preloaded applications (only some listed)</i>									
	<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>									
Limited warranty	<i>One of the following, configurable by model:</i>									
Environment	<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>									
	ErP lot3; RoHS-compliant									

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

Lenovo  
October 2020

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