

## Lenovo Legion 5 15ARH05 82B500GSCK

### **Product**

Lenovo Legion 5 15ARH05

### **Region**

EET

### **Country/Region**

Czech, Slovakia

### **Machine Type**

82B5

### **Processor**

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

### **Graphics**

NVIDIA GeForce GTX 1650 4GB GDDR6

### **Chipset**

AMD SoC Platform

### **Memory**

1x 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 Gamut

### **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

### **Color**

Phantom Black

### **Keyboard**

Backlit, Czech / Slovak

### **Fingerprint Reader**

None

### **TPM**

FW TPM 2.0

### **Battery**

Integrated 80Wh

### **Power Adapter**

170W Slim Tip

### **Operating System**

None

### **Bundled Software**

None

### **Base Warranty**

2-year, Depot

### **Bundled Service**

None

### **EAN / UPC / JAN**

195235797693

### **End of Support**

2026-05-03

### **Announce Date**

2020-07-04

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**PSREF** <https://psref.lenovo.com>

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## Lenovo Legion 5 15ARH05 Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD Ryzen™ Mobile Processors with Radeon™ Graphics							Media reader Ports	None Four USB 3.1 Gen 1 (one Always On), one USB 3.1 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	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 1650 (4GB GDDR6 memory) NVIDIA GeForce GTX 1650 Ti (4GB GDDR6 memory)						
	supports external digital monitor via HDMI or USB Type-C; supports three independent displays; Max resolution: 4096x2160@60Hz (HDMI); 3840x2160@30Hz (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, IPS, 250 nits, 16:9 aspect ratio, 45% NTSC gamut, refresh rate 120Hz</li> <li>15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 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, IPS, 300 nits, 16:9 aspect ratio, 100% sRGB gamut, refresh rate 60Hz</li> </ul>								
Multi-touch	None								
Storage	<i>Up to 2 drives:</i> <ul style="list-style-type: none"> <li>HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high</li> <li>M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4</li> <li>M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 4</li> </ul>								
Optical	None								
Ethernet	Gigabit Ethernet connection								
WLAN + Bluetooth™	<i>One of the following, configurable by model:</i> <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>								
Dimensions	WxDxH: 14.3" x 10.22" x 0.87-0.94"; 363.06mm x 259.61mm x 22-24mm								
Weight	Starting at 5.07 lb / 2.3 kg								
Case color	Phantom black								
Case material	PC/ABS plastic								
Lighting	Legion "Y" logo with white backlit on display cover								
Battery	Integrated Li-Polymer 60Wh or 80Wh battery, supports Rapid Charge Pro (30 minutes 50%)								
Max battery life	<i>MobileMark® 2018:</i> 9.3 hr (80Wh) or 7.1 hr (60Wh) <i>* Battery life varies significantly with hardware configurations, settings, usage, &amp; other factors</i>								
AC adapter	170W 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> <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> <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								

Note: The specifications above may not be available in all regions.

Lenovo  
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AMD



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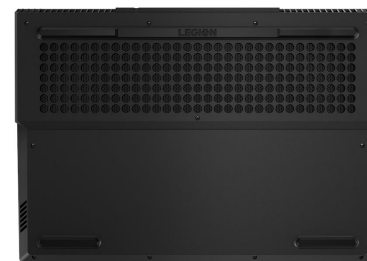
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