Lenovo Legion 5 15ARH05H 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: 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 *One of the following, configurable by model:*
- 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 45% NTSC gamut, refresh rate 120Hz
- 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 100% sRGB gamut, refresh rate 144Hz, Dolby® Vision
- 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 100% sRGB gamut, refresh rate 60Hz

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 2280SSD / 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:* 14.3" x 10.22" x 0.93-1.03";   363.06mm x 259.61mm x 23.57-26.1mm
Weight Starting at 5.42 lb / 2.46 kg
Case color Phantom black
Case material PC/ABS plastic
Lighting Legion "Y" logo with white backlit on display cover

Media reader None

Ports 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
* 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 or 4-Zone RGB LED backlight,
numeric keypad, anti-ghost

Touchpad Buttonless Mylar surface multi-touch touchpad

Security Power-on password, hard-disk password, administrator password, security keyhole
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 *MobileMark® 2018:* 6.1 hr (80Wh) or 4.2 hr (60Wh)
* 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.