

# Lenovo Legion 5 17IMH05 82B3003ABM

**Product**

Lenovo Legion 5 17IMH05

**Region**

EET

**Country/Region**

Bulgaria

**Machine Type**

82B3

**Processor**

Intel Core i7-10750H (6C / 12T, 2.6 / 5.0GHz, 12MB)

**Graphics**

NVIDIA GeForce GTX 1650 Ti 4GB GDDR6

**Chipset**

Intel HM470

**Memory**

1x 8GB SO-DIMM DDR4-2933

**Storage**

512GB SSD M.2 2242 PCIe NVMe 3.0x4

**Display**

17.3" FHD (1920x1080) WVA 300nits Anti-glare, 60Hz, 72% NTSC

**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

**Camera**

720p

**Microphone**

2x, Array

**Color**

Phantom Black

**Keyboard**

Backlit, Bulgarian

**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**

195042454888

**End of Support**

2026-06-04

**Announce Date**

2020-05-18



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# Lenovo Legion 5 17IMH05 Platform Specifications

Product Specifications Reference (PSREF)

|                    |  |            |   |                |                     |       |              |                    |   |
|--------------------|--|------------|---|----------------|---------------------|-------|--------------|--------------------|---|
| Processor          | 10th Generation Intel® Core™ i5 / i7 Processor   |            |   |                |                     |       |              |                    | Media reader Ports<br><br>4-in-1 media reader (MMC, SD, SDHC, SDXC)<br>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, 4-in-1 media reader (MMC, SD, SDHC, SDXC), security keyhole, AC power adapter jack<br><i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i><br><i>Optional: Lenovo Legion M300 RGB Gaming Mouse (USB connector)</i> |
|                    | Processor Number   | # of Cores | # of Threads                                  | Base Frequency | Max Turbo Frequency | Cache | Memory Types | Processor Graphics |   |
|                    | i5-10300H  | 4          | 8   | 2.5 GHz        | 4.5 GHz             | 8MB   | DDR4-2933    | Intel UHD Graphics |   |
|                    | i7-10750H  | 6          | 12  | 2.6 GHz        | 5.0 GHz             | 12MB  |              |                    |   |
|                    | i7-10875H  | 8          | 16  | 2.3 GHz        | 5.1 GHz             | 16MB  |              |                    |   |
| Graphics           | Integrated Graphics  |            | Discrete Graphics (Memory)                    |                |                     |       |              |                    |   |
|                    | Intel UHD 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;<br>supports three independent displays;<br>Max resolution: 4096x2160@60Hz (HDMI); 3840x2160@30Hz (USB Type-C)  |            |   |                |                     |       |              |                    |   |
| Chipset            | Intel HM470 Chipset  |            |   |                |                     |       |              |                    |   |
| Memory             | 16GB max offering / 2933MHz 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>17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, WVA, 300 nits, 16:9 aspect ratio, 72% NTSC gamut, refresh rate 60Hz</li><li>17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, WVA, 300 nits, 16:9 aspect ratio, 72% NTSC gamut, refresh rate 144Hz, Dolby® Vision</li></ul>  |            |   |                |                     |       |              |                    |   |
| Multi-touch        | None   |            |   |                |                     |       |              |                    |   |
| Storage            | <i>Up to 2 drives (one HDD and one M.2 SSD):</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               | 802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card   |            |   |                |                     |       |              |                    |   |
| Bluetooth™         | Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter  |            |   |                |                     |       |              |                    |   |
| Dimensions         | <i>WxDxH: 15.7" x 11.41" x 0.96-1.03"; 398.6mm x 290mm x 24.3-26.2mm</i>   |            |   |                |                     |       |              |                    |   |
| Weight             | 6.57 lb / 2.98 kg  |            |   |                |                     |       |              |                    |   |
| Case color         | Phantom black  |            |   |                |                     |       |              |                    |   |
| Case material      | PC/ABS plastic   |            |   |                |                     |       |              |                    |   |
| Lighting           | Legion "Y" logo with white backlit on display cover  |            |   |                |                     |       |              |                    |   |
| Bundled Accy       |  |            |   |                |                     |       |              |                    |   |
| Camera             | 720p HD, 1.0MP resolution, privacy shutter, fixed focus, integrated dual array microphone  |            |   |                |                     |       |              |                    |   |
| Audio support      | HD Audio, Realtek ALC3287 codec / Dolby Atoms® for Gaming Certification, Harman speakers, 2W x 2, dual array microphone, headphone / microphone combo jack   |            |   |                |                     |       |              |                    |   |
| Keyboard           | 6-row, multimedia Fn keys, white LED 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   | <i>MobileMark® 2018: 7.8 hr</i><br><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 Student 2019</li><li>Microsoft Office Home and Business 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.

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