

# Lenovo Legion 7 16ITHg6 82K60042BM

## PSREF

Product Specifications  
Reference

### PERFORMANCE

#### Processor

Intel® Core™ i9-11980HK (8C / 16T, 3.3 / 5.0GHz, 24MB)

#### Graphics

NVIDIA® GeForce® RTX™ 3080 16GB GDDR6, Boost Clock 1545 / 1710MHz, TGP 165W

#### Chipset

Intel HM570

#### Memory

2x 16GB SO-DIMM DDR4-3200

#### Memory Slots

Two DDR4 SO-DIMM slots, dual-channel capable

#### Max Memory

Up to 32GB DDR4-3200 offering

#### Storage

1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®

#### Storage Support

Up to two drives, 2x M.2 SSD

- M.2 2280 SSD up to 2TB

#### RAID Preset

None

#### Card Reader

None

#### Optical

None

#### Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

#### Speakers

Stereo speakers, 2W x2, Nahimic Audio, Harman Speakers, Smart AMP

#### Camera

720p with E-camera Shutter

#### Microphone

2x, Array

#### Battery

Integrated 80Wh

#### Max Battery Life

MobileMark® 2018: 4.8 hr (discrete mode) or 6.6 hr (hybrid mode)

#### Power Adapter

300W Slim Tip (3-pin)

### DESIGN

#### Display

16" WQXGA (2560x1600) IPS 500nits Anti-glare, 165Hz, 100% sRGB, Dolby® Vision™, HDR 400, G-Sync, DC dimmer

#### Touchscreen

None

#### Color Calibrator

Factory Color Calibration

#### Keyboard

RGB Backlit, Bulgarian

#### Case Color

Storm Grey

#### Surface Treatment

Anodizing Sandblasting

#### Case Material

Aluminium (Top), Aluminium (Bottom)

#### Dimensions (WxDxH)

360 x 260 x 20.1-23.5 mm (14.17 x 10.23 x 0.79-0.93 inches)

#### Weight

2.5 kg (5.5 lbs)

### SOFTWARE

#### Operating System

None

#### Bundled Software

None

### CONNECTIVITY

#### Ethernet

100/1000M

#### WLAN + Bluetooth®

Killer Wi-Fi® 6 AX1650 11ax, 2x2 + BT5.1

#### Standard Ports

- 2x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 1x USB-C 3.2 Gen 1 (support data transfer only)
- 1x Thunderbolt™ 4 / USB4™ 40Gbps (support data transfer and DisplayPort™ 1.4)
- 1x Thunderbolt 4 / USB4 40Gbps (support data transfer, Power Delivery 100W and DisplayPort 1.4)
- 1x HDMI® 2.1
- 1x Ethernet (RJ-45)
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Power connector

### SECURITY & PRIVACY

#### Security Chip

Firmware TPM 2.0

#### Fingerprint Reader

None

#### Other Security

E-Camera shutter

### SERVICE

#### Base Warranty

2-year, Depot

#### Included Upgrade

None

### CERTIFICATIONS

#### Green Certifications

- ErP Lot 3
- RoHS compliant

#### Other Certifications

- TÜV Rheinland® High Gaming Performance
- TÜV Rheinland Low Blue Light (Hardware Solution)

### MODEL

TopSeller : Yes

Announce Date : 2021-06-10

EAN / UPC / JAN : 195891878941

End of Support : 2027-07-14



intel

· Product image on this page is a sample, it may not match the real color of this model  
· Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences

## Premium Care - Advanced Support from Real People. Real Fast.

### REAL PERSON

Choose how you want to reach us - through the phone, chat or email - our expert technicians will take care of you.

### HASSLE FREE

'Getting started' and 'how-to' assistance for hardware and software. Easy solutions that are simple to reach - that's how Premium Care delivers you the ideal support experience.

### REAL FAST

Highly trained technicians will provide you real-time solutions, whatever the issue, on your first contact. If needed, our team will schedule an onsite visit for the next business day.

### PC HEALTH CHECK

Free annual PC Health Check that allows our experts to spot issues before you do so they can resolve them quickly and help you avoid PC problems.

## Accidental Damage Protection - Protection of your PC from the unexpected.

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

## Base Warranty – Included with the systems you purchase, default 1- or 3-year coverage window.

## Warranty Extensions & Upgrades – Service and protection that's right for your circumstances.

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. 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.

## Recommended Accessories

### ThinkPad X1 Active Noise Cancellation Headphones

4XD0U47635

HEAR AND BE HEARD LIKE NEVER BEFORE WITH X1 ANC HEADPHONES ThinkPad X1 headphones provide rich, first-class listening and calling in any noise environment. Lenovo has partnered with Synaptics AudioSmart® to create ...

### Lenovo 500 FHD Webcam

4XC0V13599

A USB Video Class (UVC) compliant video camera designed for teleconferencing applications on desktop or laptop. It's a reliable digital video device to transfer video data with HD quality through a high-speed USB inte...

For a full list of accessories and services, please visit:  
<https://smartfind.Lenovo.com>

## PSREF

Product Specifications  
Reference