

Lenovo 90U9

Lenovo Legion T5 Gaming Tower Desktop (Model 90U9) User Manual

INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Lenovo Legion T5 Gaming Tower Desktop. Please read this manual thoroughly before using your new system to ensure optimal performance and longevity.

PRODUCT OVERVIEW

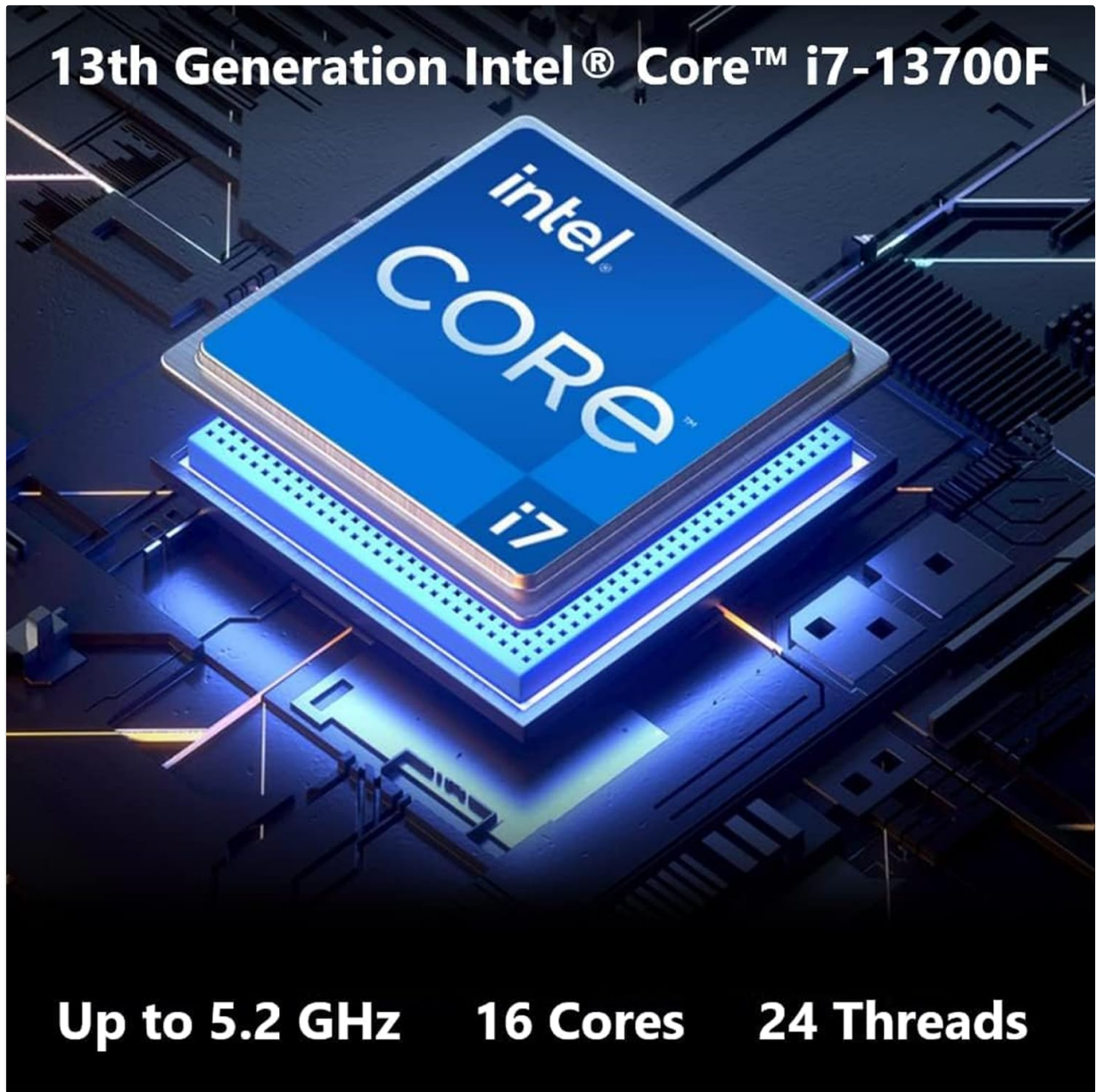
The Lenovo Legion T5 is a high-performance gaming desktop designed for demanding applications and immersive gaming experiences. It features advanced components and a robust cooling system.

Key Features:

- **Processor:** 13th Generation Intel Core i7-13700F (16 cores, 24 threads, up to 5.2 GHz)
- **Graphics:** NVIDIA GeForce RTX 4060 Ti (8GB GDDR6)
- **Memory:** 16GB DDR5 RAM (5600 MHz)
- **Storage:** 1TB PCIe NVMe M.2 Solid State Drive
- **Operating System:** Windows 11 Pro
- **Connectivity:** Wi-Fi 6E, Bluetooth, Gigabit Ethernet
- **Ports:** USB-C 3.2 Gen 2, USB-A 3.2 Gen 1, USB-A 2.0, HDMI 2.1, DisplayPort 1.4a, Audio Jacks

System Components:

13th Generation Intel® Core™ i7-13700F

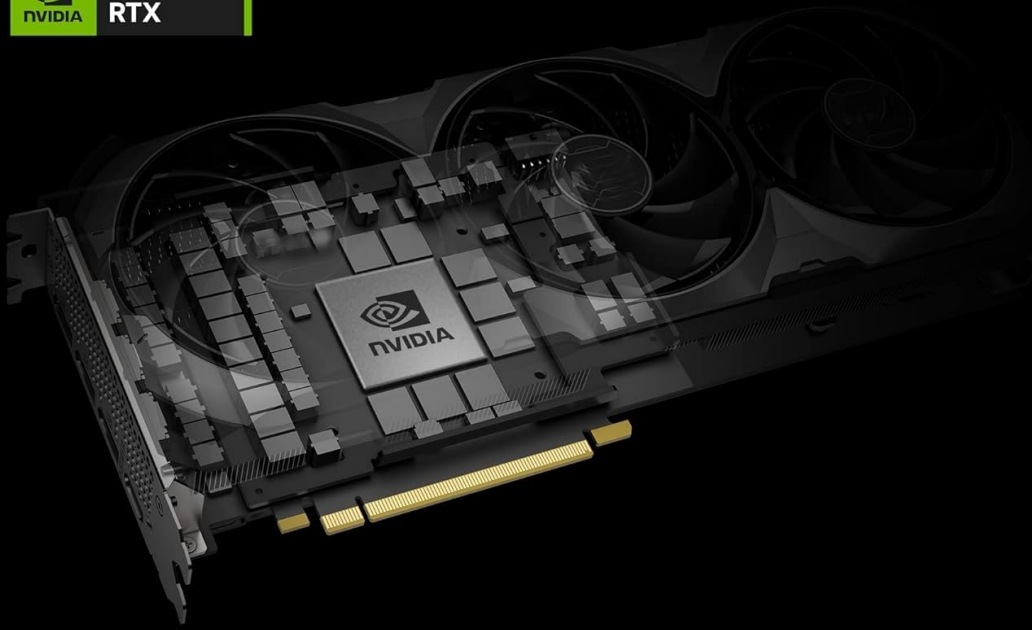


Up to 5.2 GHz 16 Cores 24 Threads

Front view of the Lenovo Legion T5 Gaming Tower Desktop.



GEFORCE
RTX



RTX. BEYOND FAST.

NVIDIA GEFORCE RTX™ 40 SERIES GRAPHICS

Beyond Fast: The NVIDIA GeForce RTX 40 Series GPUs are beyond fast for gamers and creators.

Side view showing internal components and cooling fans.



Illustration of the Intel Core i7-13700F Processor.



Illustration of the NVIDIA GeForce RTX 4060 Ti Graphics Card.



Detailed diagram of front and rear ports.

SETUP

1. Unpacking

- Carefully remove the desktop tower and all accessories from the packaging.
- Ensure all components listed in the packing slip are present.
- Retain packaging for future transport or service needs.

2. Connecting Peripherals

- **Monitor:** Connect your monitor to one of the DisplayPort 1.4a or HDMI 2.1 ports on the graphics card using a compatible cable.
- **Keyboard & Mouse:** Connect the included wired keyboard and mouse to any available USB-A ports.
- **Power:** Connect the power cable to the power supply unit (PSU) at the rear of the desktop, then plug it into a grounded electrical outlet.
- **Network:** For a wired connection, connect an Ethernet cable from your router or modem to the RJ45 Gigabit Ethernet port. For Wi-Fi, ensure antennas are properly connected if applicable.
- **Audio:** Connect speakers or headphones to the appropriate audio jacks.



Example setup with peripherals. Monitor, headset, and wireless peripherals are sold separately.

3. Initial Power-On

- Press the power button located on the front of the tower.
- Follow the on-screen instructions to complete the Windows 11 Pro setup.

OPERATING INSTRUCTIONS

Basic Usage

Your Lenovo Legion T5 desktop comes pre-installed with Windows 11 Pro. Familiarize yourself with the operating system's interface and features. For detailed information on Windows 11, refer to Microsoft's official documentation.

Legion Edge Software

The Legion Edge software provides tools for system monitoring, performance optimization, and customizable lighting effects. This application allows you to:

- Monitor CPU, GPU, RAM, and storage usage.
- Adjust thermal modes for balanced or performance-oriented cooling.
- Manage network boost settings.
- Customize RGB lighting profiles for internal components and case accents.

MAINTENANCE

Keeping Your System Clean

- Regularly clean dust from the exterior and ventilation grilles using a soft, dry cloth.
- For internal cleaning, use compressed air to remove dust from fans, heatsinks, and other components. Ensure the system is powered off and unplugged before cleaning.
- Avoid blocking ventilation openings to maintain proper airflow and prevent overheating.

Software Updates

- Regularly check for and install Windows updates to ensure system security and stability.
- Update graphics drivers (NVIDIA GeForce) and other hardware drivers from the official Lenovo support website or component manufacturer websites for optimal performance.

Storage Management

- Periodically review and delete unnecessary files to free up storage space on your 1TB SSD.
- Consider backing up important data to an external drive or cloud storage.

TROUBLESHOOTING

This section addresses common issues you might encounter. For more complex problems, refer to the Lenovo support website or contact technical support.

No Power

- Ensure the power cable is securely connected to both the desktop and the electrical outlet.
- Verify the power outlet is functional by plugging in another device.
- Check the power supply switch at the rear of the desktop (if present) is in the 'ON' position.

No Display on Monitor

- Confirm the monitor is powered on and its input source is correctly selected.

- Ensure the video cable (HDMI or DisplayPort) is securely connected to both the desktop's graphics card and the monitor.
- Try connecting the monitor to a different video output port on the graphics card, or use a different cable if available.

System Slowdown or Freezing

- Close unnecessary applications running in the background.
- Check Task Manager (Ctrl+Shift+Esc) for processes consuming excessive CPU, RAM, or disk resources.
- Ensure your system has sufficient free storage space.
- Run a system scan for malware or viruses.
- Verify that all drivers, especially graphics drivers, are up to date.

SPECIFICATIONS

Feature	Specification
Model Number	90U9
Processor	13th Generation Intel Core i7-13700F (16 Cores, 24 Threads, up to 5.2 GHz)
Graphics Card	NVIDIA GeForce RTX 4060 Ti (8GB GDDR6)
RAM	16GB DDR5 (5600 MHz)
Storage	1TB PCIe NVMe M.2 SSD
Operating System	Windows 11 Pro
Wireless Connectivity	Wi-Fi 6E, Bluetooth
Ethernet	RJ45 Gigabit Ethernet
Front Ports	1x USB-C 3.2 Gen 2, 1x Headphone/Microphone 3.5mm jack, 1x Power button, 1x LED switch
Rear Ports	4x USB-A 2.0, 4x USB-A 3.2 Gen 1, 3x Audio Jacks, 1x HDMI 2.1, 3x DisplayPort 1.4a
Dimensions (LxWxH)	19.5 x 12.2 x 22.5 inches
Weight	45 pounds
Color	Black
Included Accessories	Wired Keyboard & Mouse

WARRANTY INFORMATION

Your Lenovo Legion T5 Gaming Tower Desktop is covered by Lenovo's standard limited warranty. The

specific terms and duration of your warranty may vary by region and purchase date. Please refer to the warranty card included with your product or visit the official Lenovo support website for detailed warranty information and registration.

SUPPORT

For further assistance, technical support, driver downloads, or service requests, please visit the official Lenovo support website:

[Lenovo Support Website](#)

You can also find additional resources and community forums on the Lenovo website.