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› **Lenovo Legion T5 Gaming Desktop User Manual**

**Lenovo 90U9**

# **Lenovo Legion T5 Gaming Desktop User Manual**

Model: 90U9

## **INTRODUCTION**

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Lenovo Legion T5 High-Performance Gaming Tower Desktop. Please read this manual thoroughly before using the product to ensure safe and optimal performance.



*Image: Front view of the Lenovo Legion T5 Gaming Desktop, showcasing its sleek black chassis with RGB lighting accents and the Legion branding.*

## **SAFETY INFORMATION**

Always follow these safety precautions to prevent damage to your device or personal injury:

- Ensure proper ventilation around the desktop to prevent overheating.
- Do not expose the device to water or excessive humidity.
- Use only the power supply provided with the device.
- Avoid placing heavy objects on top of the desktop.
- Disconnect the power cable before cleaning or performing any maintenance.
- Keep the device away from direct sunlight and heat sources.

## PACKAGE CONTENTS

Verify that all items are present in the package:

- Lenovo Legion T5 Tower Gaming Computer
- Wired Keyboard
- Wired Mouse
- Power Cable
- Documentation (Quick Start Guide, Warranty Information)

## PHYSICAL OVERVIEW AND PORTS

Familiarize yourself with the various ports and components of your Lenovo Legion T5 desktop.



Image: Diagram illustrating the front and rear ports of the Lenovo Legion T5 desktop.

## Front Ports:

- **1 x USB-C 3.2 Gen 2:** For high-speed data transfer and connecting compatible devices.
- **1 x Headphone and microphone 3.5mm jacks:** For audio input and output.
- **1 x Power button:** To turn the system on or off.
- **1 x LED switch:** To control the system's lighting.

## Rear Ports:

- **4 x USB-A 2.0:** For connecting standard USB devices.
- **4 x USB-A 3.2 Gen 1:** For faster data transfer with compatible USB devices.
- **3 x Audio Jacks:** For multi-channel audio output.
- **1 x HDMI 2.1:** For connecting to a display with high resolution and refresh rates.
- **1 x RJ45 Gigabit Ethernet:** For wired network connection.
- **3 x DisplayPort 1.4a:** For connecting multiple high-resolution displays.
- **1 x Power supply:** For connecting the power cable.

## SETUP GUIDE

### 1. Unpacking

Carefully remove the desktop and all accessories from the packaging. Retain the packaging for future transport or storage.

### 2. Connecting Peripherals

1. **Connect Monitor(s):** Use an HDMI or DisplayPort cable to connect your monitor(s) to the corresponding ports on the back of the desktop.
2. **Connect Keyboard and Mouse:** Plug the wired keyboard and mouse into any available USB-A ports on the back of the desktop.
3. **Connect Network (Optional):** For a wired internet connection, connect an Ethernet cable from your router/modem to the RJ45 Gigabit Ethernet port. Alternatively, the system supports Wi-Fi 6 for wireless connectivity.
4. **Connect Audio (Optional):** If using external speakers or a headset, connect them to the appropriate audio jacks.



*Image: The Lenovo Legion T5 desktop connected to a monitor, keyboard, mouse, and headset, illustrating a typical setup. Note: Monitor, headset, wireless keyboard, and mouse are sold separately.*

### 3. Power On

1. **Connect Power:** Plug the power cable into the power supply port on the back of the desktop, then plug the other end into a wall outlet or surge protector.
2. **Turn On:** Press the power button located on the front of the desktop. The system will boot up, and the operating system will load.

### OPERATING SYSTEM (WINDOWS 11 PRO)

Your Lenovo Legion T5 comes pre-installed with Windows 11 Pro, offering advanced features for productivity and security.

### Initial Setup:

Upon first boot, follow the on-screen instructions to complete the Windows 11 Pro setup, including region, keyboard layout, network connection, and user account creation.

### **Key Features:**

- **Mobile device management:** Manage and secure devices remotely.
- **Group Policy:** Centralized management of user and computer settings.
- **Enterprise State Roaming:** Sync user settings across devices.
- **Windows Update for Business:** Control update deployment.
- **Kiosk mode:** Lock down devices for specific applications.
- **Active Directory/Azure AD:** Enhanced network integration.

### **Keeping Windows Updated:**

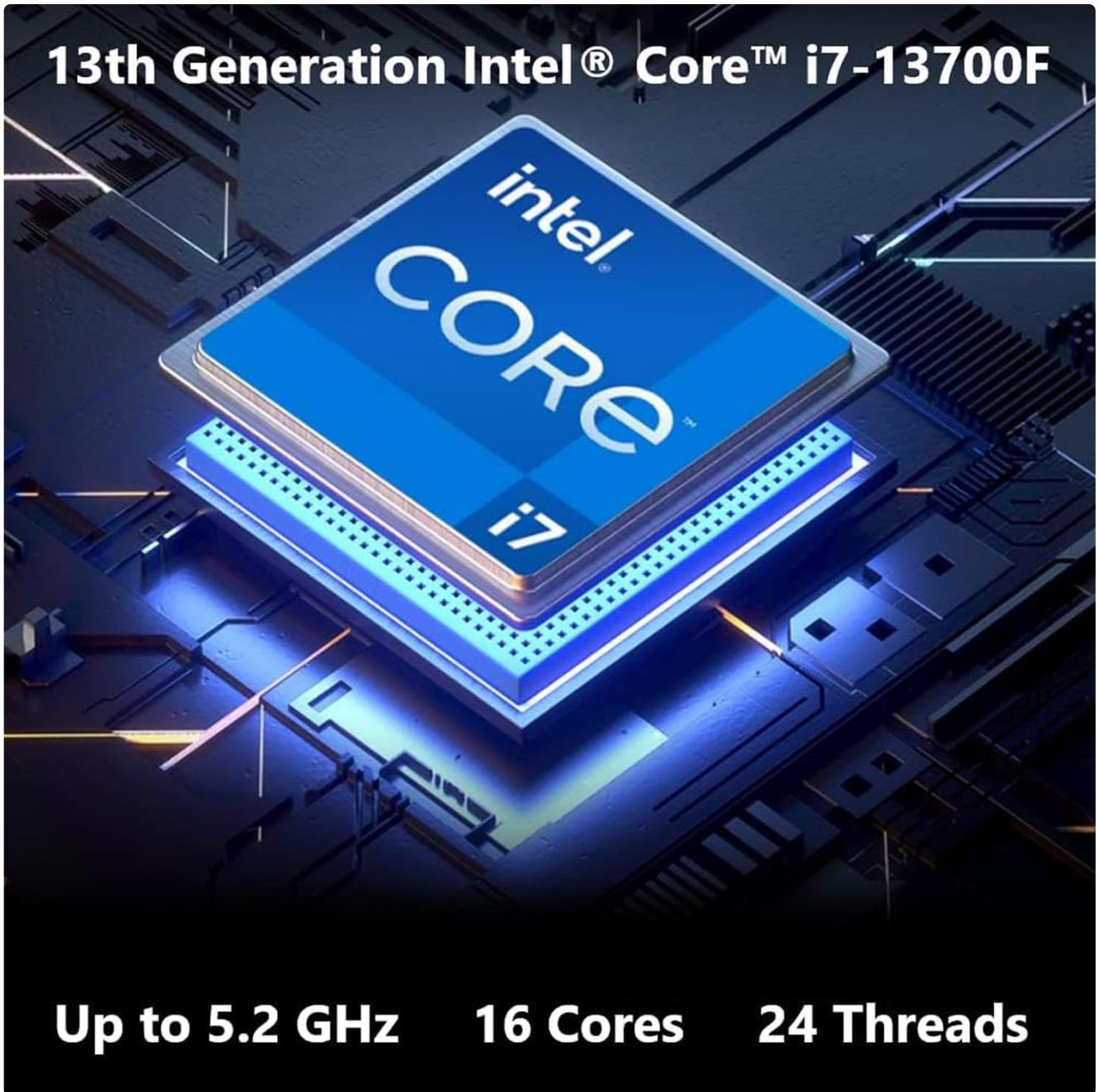
Regularly check for and install Windows updates to ensure system stability, security, and access to the latest features. Go to *Settings > Windows Update* to manage updates.

## **PERFORMANCE FEATURES**

The Lenovo Legion T5 is engineered for high-performance gaming and demanding tasks.

### **Processor: Intel Core i7-13700F**

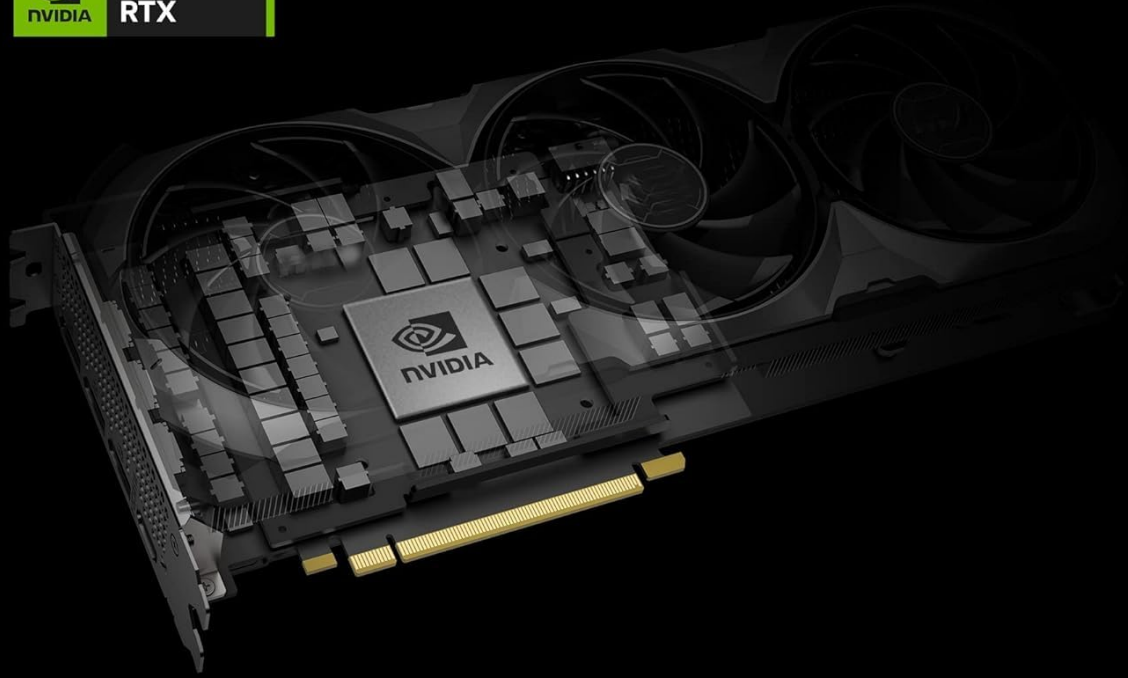
# 13th Generation Intel® Core™ i7-13700F



*Image: Close-up of an Intel Core i7 processor chip, highlighting its advanced architecture.*

- **13th Generation Intel Core i7-13700F:** Features 16 cores and 24 threads, with E-cores up to 4.10 GHz and P-cores up to 5.20 GHz, providing exceptional processing power for gaming, streaming, and content creation.

**Graphics Card: NVIDIA GeForce RTX 4060 Ti**



# 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.

*Image: A detailed view of the NVIDIA GeForce RTX 4060 Ti graphics card.*

- **NVIDIA GeForce RTX 4060 Ti (8GB GDDR6):** Delivers stunning visuals and high frame rates, supporting advanced technologies like ray tracing and DLSS for immersive gaming experiences.

### Memory and Storage:

- **64GB DDR5 RAM:** High-bandwidth memory for smooth multitasking and demanding applications.
- **2TB PCIe NVMe M.2 SSD:** Provides ultra-fast boot times and rapid data access for your operating system and frequently used applications.
- **2TB 3.5" HDD:** Offers ample storage space for games, media, and other large files.

### MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your desktop.

## Cleaning:

- **Exterior:** Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution. Avoid harsh chemicals.
- **Vents:** Regularly use compressed air to clear dust from the intake and exhaust vents to maintain proper airflow and prevent overheating. Ensure the system is powered off and unplugged before cleaning vents.

## Software Updates:

- **Operating System:** Keep Windows 11 Pro updated through *Settings > Windows Update*.
- **Drivers:** Periodically check the Lenovo support website and NVIDIA's website for the latest drivers for your system components, especially graphics drivers, to ensure compatibility and performance.

## Ventilation:

Ensure the desktop is placed in an area with adequate airflow. Do not block the ventilation openings. Maintaining good airflow is crucial for cooling the internal components, especially during intensive gaming sessions.

## TROUBLESHOOTING

This section addresses common issues you might encounter with your Lenovo Legion T5 desktop.

Problem	Possible Cause	Solution
<b>No Power</b>	Power cable loose; Power outlet issue; Power supply unit (PSU) failure.	Check power cable connections. Try a different power outlet. Ensure PSU switch is on (if applicable).
<b>No Display</b>	Monitor cable loose; Incorrect input selected on monitor; Graphics card issue.	Ensure monitor cables (HDMI/DisplayPort) are securely connected to both desktop and monitor. Select correct input source on monitor. Try a different display cable or monitor if possible.
<b>System Overheating</b>	Blocked vents; Excessive dust; High ambient temperature.	Ensure vents are clear and desktop has adequate airflow. Clean dust from vents using compressed air. Operate in a cooler environment.
<b>Slow Performance</b>	Too many background applications; Outdated drivers; Low disk space.	Close unnecessary programs. Update graphics and chipset drivers. Free up disk space on the SSD.
<b>No Internet Connection</b>	Ethernet cable disconnected; Wi-Fi disabled; Router/modem issue; Driver issue.	Check Ethernet cable. Ensure Wi-Fi is enabled in Windows settings. Restart router/modem. Update network drivers.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please refer to the Lenovo support website or contact customer service.

## TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	Lenovo
Model Series	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	64GB DDR5 (5600 MHz)
Storage	2TB PCIe NVMe M.2 SSD + 2TB 3.5" HDD
Operating System	Windows 11 Pro
Wireless Connectivity	Wi-Fi 6 (802.11ax) + Bluetooth
Front Ports	1x USB-C 3.2 Gen 2, 1x Headphone/Mic 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, 1x RJ45 Gigabit Ethernet, 3x DisplayPort 1.4a
Dimensions (LxWxH)	19.5 x 12.2 x 22.5 inches
Item Weight	37.5 pounds
Color	Black

## WARRANTY AND SUPPORT

Your Lenovo Legion T5 desktop is covered by a manufacturer's warranty. Please refer to the warranty documentation included in your package for specific terms and conditions.

For technical support, driver downloads, or further assistance, please visit the official Lenovo support website: [www.lenovo.com/support](http://www.lenovo.com/support)

When contacting support, please have your product model (90U9) and serial number ready.