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> [Acer Aspire TC-1785-UA92 Desktop User Manual](#)

**acer TC-1785-UA92**

# Acer Aspire TC-1785-UA92 Desktop User Manual

Model: TC-1785-UA92

## 1. OVERVIEW

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The Acer Aspire TC-1785-UA92 is a high-performance desktop computer designed for a wide range of computing needs, from everyday tasks to multimedia entertainment. It features an Intel Core i5-14400 10-Core Processor, 8GB of DDR5-5600 memory, and a 512GB PCIe 4.0 NVMe SSD for fast and efficient operation. The system includes an SD Card Reader and Wi-Fi 6E connectivity, running on Windows 11 Home.



Figure 1: Front view of the Acer Aspire TC-1785-UA92 Desktop, highlighting key features like the Intel Core i5 processor, Wi-Fi 6E, and Windows 11 Home operating system.

## 2. SETUP

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### 2.1 Unpacking the System

Carefully remove all components from the packaging. Ensure the following items are present:

- Acer Aspire TC-1785-UA92 Desktop Unit
- Wired Keyboard
- Wired Mouse
- Power Cord
- Documentation (Quick Start Guide, Warranty Information)

### 2.2 Connecting Peripherals

1. **Connect the Monitor:** Use an HDMI cable to connect your monitor to one of the HDMI ports on the rear of the desktop.
2. **Connect the Keyboard and Mouse:** Plug the wired keyboard and mouse into the available USB ports (preferably USB 2.0 ports on the rear).
3. **Connect to Network (Optional):** For a wired connection, plug an Ethernet cable into the RJ-45 port on the rear. For wireless, ensure your Wi-Fi network is available during initial setup.
4. **Connect Power:** Plug the power cord into the desktop's power input and then into a wall outlet.

# Connectivity

Within easy reach are the most commonly used connection points—USB 3.2 ports, headphone and microphone jacks.

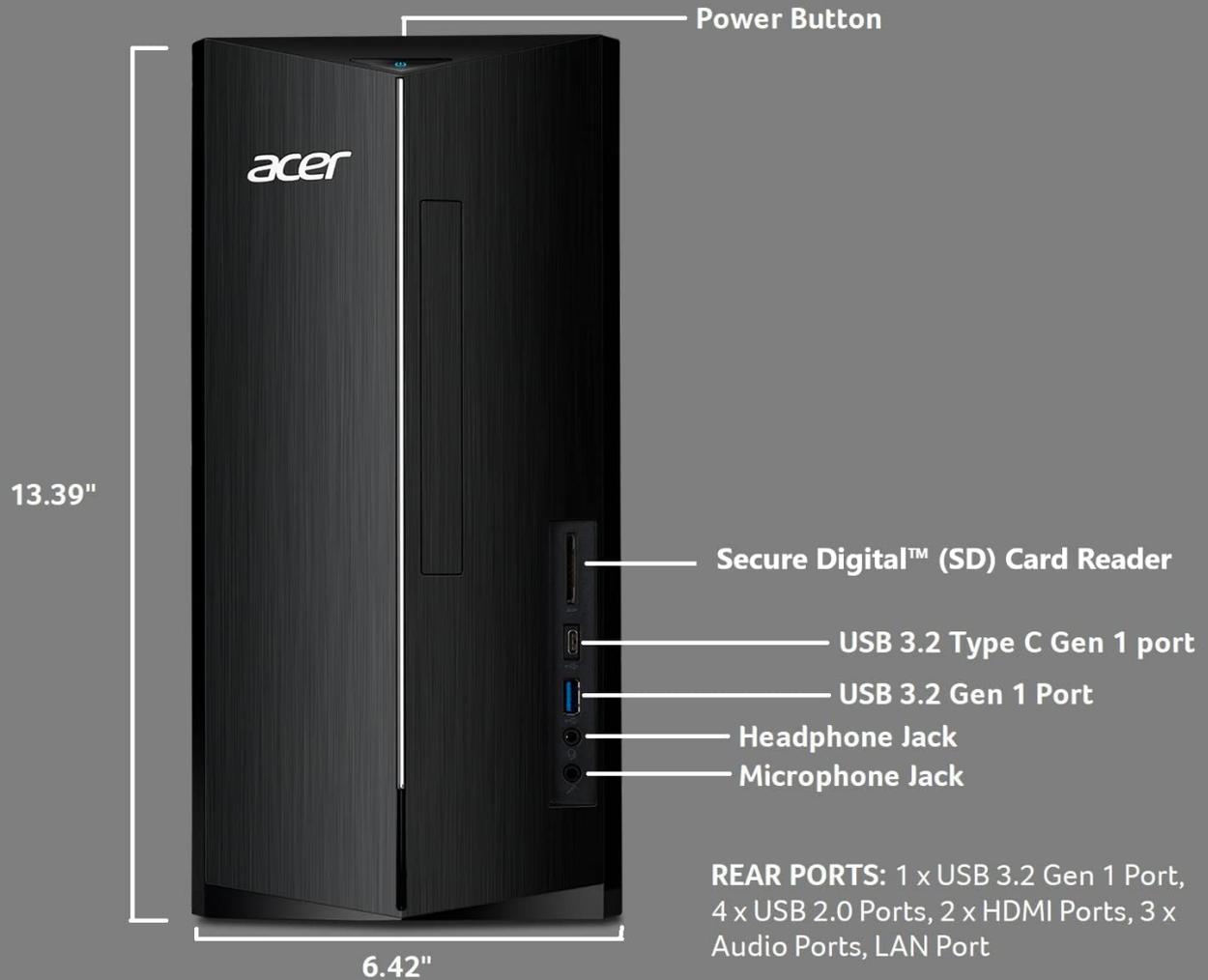


Figure 2: Detailed diagram illustrating the front and rear connectivity ports of the desktop, including USB, HDMI, audio jacks, and the SD card reader.

## 2.3 Initial Power On

Press the power button located on the front panel of the desktop. Follow the on-screen instructions to complete the Windows 11 Home setup process.

## 3. FEATURES

### 3.1 Performance

The Acer Aspire TC-1785-UA92 is equipped with an **Intel Core i5-14400 10-Core Processor**, capable of reaching speeds up to 4.7GHz, providing robust performance for demanding applications and multitasking. It includes **8GB of DDR5-5600 RAM**, expandable up to 32GB, ensuring smooth operation across various tasks. Storage is handled by a rapid **512GB PCIe 4.0 NVMe SSD**, offering quick boot times and fast data access.

# Multitasking Maschine Built To Last

Make everyday easier with the high-performance Aspire TC.

8GB DDR5-5600 RAM Memory  
(1 x 8GB) Up to 32GB



512 GB PCIe® 4.0 NVMe™ SSD

Figure 3: The desktop unit shown with visual representations of its 8GB DDR5-5600 RAM and 512GB PCIe 4.0 NVMe SSD, emphasizing its multitasking capabilities.

## 3.2 Connectivity

This desktop offers comprehensive connectivity options:

- **Wireless:** Integrated Wi-Fi 6E (802.11ax) for less wireless congestion and faster, stable connections across 2.4 GHz, 5 GHz, and 6GHz bands, including UL MU-MIMO. Bluetooth 5.3 is also included for connecting wireless peripherals.
- **Wired Ports (Front):** One USB 3.2 Gen1 5Gbps Type-C port, one USB 3.2 Gen1 5Gbps Type-A port, a headphone jack, a microphone jack, and an SD Card Reader.
- **Wired Ports (Rear):** Two USB 3.2 Gen1 5Gbps Type-A ports, four USB 2.0 480Mbps ports, one HDMI 1.4b port, one HDMI 2.0 port, one Ethernet RJ-45 port, and three audio ports.

# Wireless Wi-Fi 6E Connectivity

Wi-Fi 6E brings less wireless congestion and faster Wi-Fi for a stable connection. Further connectivity options include Bluetooth® 5.3, a USB 3.2 Type-C—which supports charging and high-speed data transfers.



Figure 4: The desktop unit displaying a Wi-Fi 6E signal icon, indicating its advanced wireless connectivity features.

## 3.3 Audio and Graphics

Experience immersive sound with **HD Audio supporting 5.1-Channel Surround Sound**. Visuals are powered by **Intel UHD Graphics 730**, suitable for everyday use and multimedia consumption. The dual HDMI ports allow for multi-monitor setups.

# Immersive Sound

The HD Audio with available 5.1-Channel Surround Sound delivers crystal clear acoustics for a theater-like entertainment experience at home.



Figure 5: The desktop connected to a monitor, illustrating its immersive sound capabilities with 5.1-Channel Surround Sound for an enhanced entertainment experience.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Windows 11 Home

Your Acer Aspire desktop comes pre-installed with Windows 11 Home. Familiarize yourself with the operating system's interface, including the Start Menu, Taskbar, and File Explorer. Regular updates are recommended to ensure optimal performance and security.

### 4.2 Multitasking and Productivity

Leverage the power of the Intel Core i5 processor and DDR5 memory for seamless multitasking. Utilize features like Snap Layouts in Windows 11 to organize your workspace efficiently. For enhanced productivity and creative tasks, consider integrating Microsoft 365 applications.

Your browser does not support the video tag.

Video 1: This video demonstrates the AI Snipping Tool feature in Windows 11, allowing users to extract and edit text content from

images, or redact sensitive information.

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Video 2: This video introduces Microsoft Windows Copilot, an AI companion designed to enhance creativity and productivity by assisting with tasks like summarizing documents or organizing plans.

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Video 3: This video highlights the powerful tools available in Microsoft 365, including Word, Excel, and PowerPoint, to help users create, connect, and protect their work.

## 5. MAINTENANCE

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### 5.1 System Updates

Regularly check for and install Windows updates to ensure your system has the latest security patches and performance enhancements. Go to **Settings > Windows Update** to manage updates.

### 5.2 Cleaning

Keep your desktop clean to prevent dust buildup, which can affect performance and longevity. Use a soft, dry cloth to wipe exterior surfaces. For internal cleaning, consult a professional or refer to advanced maintenance guides.

### 5.3 Data Backup

Regularly back up important data to an external drive or cloud storage to prevent data loss.

## 6. TROUBLESHOOTING

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### 6.1 No Power

- Ensure the power cord is securely connected to both the desktop and the wall outlet.
- Verify the wall outlet is functioning by plugging in another device.

### 6.2 No Display

- Check that the monitor is powered on and the video cable (HDMI) is securely connected to both the desktop and the monitor.
- Try connecting the monitor to a different HDMI port on the desktop, if available.

### 6.3 Slow Performance

- Close unnecessary applications running in the background.
- Check for and install any pending Windows updates.
- Run a disk cleanup and defragmentation (for HDD, not necessary for SSD).
- Scan for malware or viruses.

## 7. SPECIFICATIONS

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Feature	Specification
Brand	acer

Feature	Specification
Model Name	Acer Aspire TC-1785-UA92
Operating System	Windows 11 Home
CPU Model	Intel Core i5-14400 10-Core Processor (Up to 4.7GHz)
Graphics Coprocessor	Intel UHD Graphics 730 (Integrated)
RAM Memory Installed	8GB DDR5-5600 (Expandable up to 32GB)
Hard Disk Description	512GB PCIe 4.0 NVMe SSD
Wireless Connectivity	Wi-Fi 6E (802.11ax), Bluetooth 5.3
Ethernet	10/100/1000 Gigabit Ethernet LAN
Front Ports	1x USB 3.2 Gen1 Type-C, 1x USB 3.2 Gen1 Type-A, Headphone, Microphone, SD Card Reader
Rear Ports	2x USB 3.2 Gen1 Type-A, 4x USB 2.0, 1x HDMI 1.4b, 1x HDMI 2.0, 1x RJ-45, 3x Audio Ports
Item Dimensions (LxWxH)	13.78 x 6.42 x 13.39 inches
Item Weight	6.37 Kilograms
What's in the Box	Keyboard, Mouse

## 8. WARRANTY AND SUPPORT

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The Acer Aspire TC-1785-UA92 Desktop comes with a **1 Year Parts and Labor Limited Warranty**. For technical assistance or warranty claims, please contact Acer's Toll-Free Tech Support. Refer to the included warranty documentation for detailed terms and conditions.