

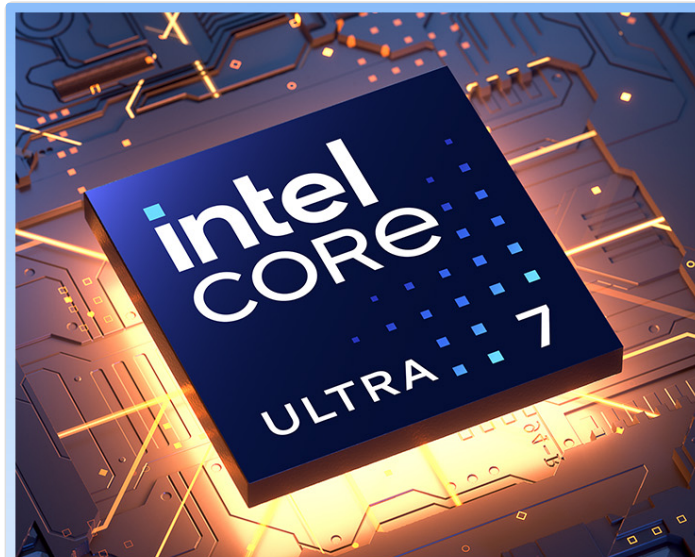
HP gr1023TU

HP 14 AI Laptop User Manual

Model: gr1023TU (A4VJ1PA)

1. INTRODUCTION AND OVERVIEW

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your HP 14 AI laptop. Designed for efficiency and performance, this laptop features a 16-core Intel Core Ultra 7 155H processor, Intel Arc Graphics, 16GB DDR5 RAM, and a 512GB PCIe NVMe SSD. It comes with a 14-inch Full HD anti-glare display and runs on Windows 11 Home.



Create faster and better with AI

Experience smooth multitasking and efficient battery performance with Intel® Core™ Ultra 7 155H processor^{1,2}—a dedicated AI engine featuring 16 cores and 22 threads.

3D Hybrid
architecture

Intel®
Thread Director

Dynamic
Power Share

Image: The HP 14 AI laptop displaying its core specifications including the Intel Core Ultra 7 155H processor, 512GB PCIe SSD, and 16GB DDR5 RAM.

2. SETUP

2.1 Unboxing

Carefully remove the laptop and all accessories from the packaging. Ensure all components listed in the 'What's in the Box' section are present.

2.2 Connecting Power

1. Connect the power adapter to the laptop's power port.
2. Plug the power cord into a wall outlet.
3. Allow the laptop to charge for a few minutes before initial use.

2.3 Initial Boot and Windows Setup

1. Press the power button to turn on the laptop.
2. Follow the on-screen instructions to complete the Windows 11 Home setup, including language selection, network connection, and user account creation.

3. OPERATING INSTRUCTIONS

3.1 Power On/Off

- **To Power On:** Press the power button located on the keyboard.
- **To Shut Down:** Click the Start button, then Power, and select 'Shut down'.
- **To Restart:** Click the Start button, then Power, and select 'Restart'.
- **To Sleep:** Close the lid or click the Start button, then Power, and select 'Sleep'.

3.2 Keyboard and Touchpad

The laptop features a full-size backlit keyboard for comfortable typing in various lighting conditions. The integrated touchpad supports multi-touch gestures for navigation.

3.3 Display

Your HP 14 AI laptop is equipped with a 14-inch Full HD (1920 x 1080) anti-glare display, offering clear visuals and reduced reflections. Adjust brightness using the function keys (F2/F3) or through Windows display settings.



Image: The laptop screen showcasing its vibrant display and anti-glare properties, ideal for various viewing environments.

3.4 Camera and Audio

The integrated FHD camera includes a privacy shutter for enhanced security. Dual array microphones and built-in speakers provide clear audio for video calls and multimedia.

4. CONNECTIVITY

The HP 14 AI laptop offers various ports and wireless options for connecting peripherals and networks.

Steady connections, uninterrupted calls

Enjoy a dependable internet connection with Wi-Fi 6⁵ and Bluetooth® 5.3⁶ and shine bright on call with the HP True Vision 1080p FHD camera.



Dual array mics



Temporal noise reduction



Dual speakers



Image: A detailed view of the laptop's side ports, including 2x USB Type-A, 1x HDMI 1.4b, 1x USB Type-C (with Power Delivery and DisplayPort 1.4), and 1x Headphone/Microphone combo jack.

4.1 Ports

- **USB Type-A:** Two USB Type-A ports with 5Gbps signaling rate for connecting standard USB devices.
- **USB Type-C:** One USB Type-C port with 10Gbps signaling rate, supporting USB Power Delivery and DisplayPort 1.4.
- **HDMI:** One HDMI 1.4b port for connecting to external displays.
- **Headphone/Microphone Combo:** One port for audio input and output.

4.2 Wireless

- **Wi-Fi:** Supports Wi-Fi 6 for fast and reliable wireless internet connection.
- **Bluetooth:** Integrated Bluetooth 5.3 for connecting wireless peripherals like headphones and mice.

5. BATTERY MANAGEMENT

The laptop is equipped with a 3-cell, 41Wh Lithium Polymer battery, providing up to 8 hours and 45 minutes of usage. It supports HP Fast Charge, allowing you to charge up to 50% in approximately 30-45 minutes when the system is off.



More screen, more clarity

Watch the screen come to life as you stream your favorite movies or tackle your ambitious projects with a 14" FHD display.



Micro-edge bezels



Anti-glare screen



84.01% screen-to-body ratio⁴



300-nits brightness

Image: The HP 14 AI laptop illustrating its long-lasting battery and HP Fast Charge capability for quick power replenishment.

5.1 Charging

Always use the provided HP power adapter for charging. Over time, battery capacity may naturally decrease with usage.

5.2 Battery Optimization

To maximize battery life, adjust screen brightness, close unused applications, and enable power-saving modes in Windows settings.

6. MAINTENANCE

6.1 Cleaning

- **Screen:** Use a soft, lint-free cloth lightly dampened with water or a screen cleaner.
- **Keyboard and Chassis:** Use a soft cloth to wipe surfaces. For stubborn dirt, a slightly damp cloth is acceptable. Avoid excessive moisture.
- **Ports:** Use compressed air to clear dust from ports.

6.2 Software Updates

Regularly update Windows and HP drivers to ensure optimal performance and security. Check for updates via Windows Update and the HP Support Assistant application.

6.3 Storage Management

Periodically review and delete unnecessary files to maintain sufficient free space on your 512GB SSD for optimal system responsiveness.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your HP 14 AI laptop.

7.1 Power Issues

- **Laptop not turning on:** Ensure the power adapter is securely connected and the outlet is functional. Try a different outlet.
- **Battery not charging:** Verify the power adapter connection. Check for any damage to the adapter or charging port.

7.2 Display Problems

- **No image on screen:** Connect an external monitor to check if the issue is with the laptop's display. Restart the laptop.
- **Flickering screen:** Update graphics drivers. Adjust display refresh rate in Windows settings.

7.3 Connectivity Issues

- **Wi-Fi not connecting:** Ensure Wi-Fi is enabled. Restart your router and laptop. Check network settings in Windows.
- **Bluetooth device not pairing:** Ensure Bluetooth is enabled on both devices. Place devices close to each other. Remove and re-add the device.

7.4 Performance Issues

- **Slow performance:** Close unnecessary applications. Check for background processes. Ensure sufficient free storage space.
- **Overheating:** Ensure ventilation vents are clear. Use the laptop on a hard, flat surface.

8. SPECIFICATIONS

Feature	Detail
Brand	HP
Model Name	HP Laptop (gr1023TU)
Model Number	A4VJ1PA
Processor	Intel Core Ultra 7 155H (16-core, up to 4.8 GHz)
Graphics	Intel Arc Graphics (Integrated)
RAM	16 GB DDR5 (5600 MHz)
Storage	512 GB PCIe NVMe SSD
Display	14-inch (35.6 cm) FHD (1920 x 1080) Anti-Glare LED, 300 nits
Operating System	Windows 11 Home
Webcam	FHD Camera with Shutter
Keyboard	Backlit Keyboard
Audio	Dual Array Microphones, Speakers
Ports	2x USB Type-A, 1x USB Type-C (PD, DP 1.4), 1x HDMI 1.4b, 1x Headphone/Mic Combo
Wireless Connectivity	Wi-Fi 6, Bluetooth 5.3
Battery	3-cell, 41 Wh Lithium Polymer (Up to 8h 45m)
Weight	1.4 Kilograms
Dimensions (L x W x T)	32.4L x 21.5W x 1.8Th Centimeters



Power that lasts all day

Charge the 3-cell, 41 Wh battery⁷ once and it's all you need to power through an entire day of work and fun.



HP Fast Charge:
0% to 50% in 45 minutes⁸



Lasts up to 8 hours
and 45 minutes⁹

Image: The HP 14 AI laptop illustrating its physical dimensions and weight for reference.

9. WHAT'S IN THE BOX

The following items are included with your HP 14 AI laptop:

- 1x HP Laptop 14

- 1x 65 W Smart AC power adapter
- 1x User Manual

Stay conscious for your conscience

Choose a sustainably designed laptop with ocean-bound plastics¹⁰ used in keyboard frame and post-consumer recycled plastics,¹¹ used in keyboard keycaps and scissors.



EPEAT® registered



ENERGY STAR® certified



Image: Visual representation of the items included in the product packaging: the HP 14 laptop, its power adapter, and the user manual.

10. WARRANTY AND SUPPORT

10.1 Warranty Information

Your HP 14 AI laptop comes with a 1/1/1 warranty, which includes 1 year of parts, labor, and onsite repair. Terms and conditions may vary by country, and certain restrictions and exclusions apply. Please refer to the official HP warranty documentation for full details.

10.2 Customer Support

For technical assistance, driver downloads, or service inquiries, please visit the official HP support website or contact HP customer service. Contact information for HP India Sales Pvt. Ltd. is provided in the product specifications.