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> HP All-in-One Desktop PC Instruction Manual

HP 0024

HP All-in-One Desktop PC User Manual

Model: 0024

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1. PRODUCT OVERVIEW

The HP All-in-One Desktop PC is designed for both business and personal use, offering a compact and powerful computing solution. This model features a 22-inch Full HD anti-glare display, an Intel Dual-core Processor, 40GB RAM, and a 512GB PCIe SSD, ensuring efficient performance for various tasks. It comes with a keyboard and mouse, and supports modern connectivity options including HDMI, USB-C, and Wi-Fi 6.



Figure 1.1: The HP All-in-One Desktop PC, showcasing the display, keyboard, and mouse.

Key Features:

- **Processor:** Intel Celeron J4025 (up to 2.9 GHz burst frequency, 4 MB L3 cache, 2 cores, 2 threads) with integrated Intel UHD Graphics for efficient performance.
- **Display:** 21.5" Full HD (1920 x 1080) VA, three-sided micro-edge, anti-glare display with 250 nits brightness and 72% NTSC.
- **Memory & Storage:** 40GB DDR4 SDRAM and 512GB PCIe NVMe M.2 Solid State Drive for smooth multitasking and fast data access.
- **Connectivity:** Includes 1x USB Type-C (5Gbps), 2x USB Type-A (Hi-Speed), 2x USB Type-A (5Gbps), 1x headphone/microphone combo, 1x RJ-45 Ethernet, 1x HDMI-out, and built-in Wi-Fi 6 & Bluetooth.
- **Webcam:** HP True Vision 720p HD privacy camera with integrated dual array digital microphones.
- **Operating System:** Pre-installed with Windows 11, 64-bit, English.
- **Design:** Cashmere White finish with a minimalist and modern look.

HP 22" All-in-One



Intel 2.9 GHz processor,
4K Support

Celeron® Processor J4025, 4M Cache



Upto
2TB SSD



Upto
64GB RAM



Windows 11 Pro

Ports:



HDMI

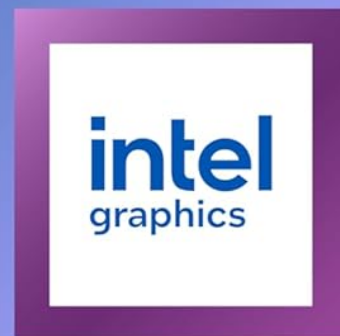


Audio Jack

USB-C



RJ-45
Ethernet Port



UHD Graphics

Figure 1.2: Overview of key internal components and connectivity features.

Follow these steps to set up your new HP All-in-One Desktop PC.

2.1 Unboxing and Placement

1. Carefully remove the PC and all accessories from the packaging. Retain packaging for future transport or service.
2. Place the PC on a stable, flat surface with adequate ventilation around the unit. Ensure no vents are obstructed.
3. Unpack the included keyboard and mouse.

2.2 Connecting Peripherals

Identify the ports on the back of your HP All-in-One PC. Refer to Figure 2.1 for port locations.

- **Power:** Connect the power adapter cable to the power port on the back of the PC, then plug the adapter into a wall outlet.
- **Keyboard & Mouse:** Connect the USB cables from the keyboard and mouse to any available USB Type-A ports on the back of the PC.
- **Optional External Display:** If using an external monitor, connect an HDMI cable from the HDMI-out port on the PC to the HDMI-in port on your monitor.
- **Optional Wired Network:** For a wired internet connection, connect an Ethernet cable from your router or modem to the RJ-45 port on the PC.

The NEW Edition and the NEW Look



USB Type-C®
(5Gbps
signaling rate)

HDMI

USB Type-C®
(5Gbps
signaling rate)

HDMI Out

RJ-45

USB Type-A
(5Gbps
signaling rate)

USB 2.0 Type-A

NEWS

UPDATE

WiFi 6
CERTIFIED

- Morandi Color Palette
- Minimalist Design
- Modern Look
- New Type-C Port
- Wi-Fi 6



Last Edition



Figure 2.1: Rear ports of the HP All-in-One PC.



USB Type-C® (5Gbps signaling rate)

Additional ports:



Headphone/Microphone combo



2 USB 2.0 Type-A



2 USB Type-A (5Gbps signaling rate)

We're taking action, today

This EPEAT® Gold & ENERGY STAR® All-in-One is built with post-consumer recycled materials.



GLOBAL100 2024
THE WORLD'S MOST SUSTAINABLE CORPORATIONS ©

2023 WORLD'S MOST
**ETHICAL
COMPANIES**™
ETHISPHERE®



Figure 2.2: Additional connectivity options.

2.3 Initial Power On and Windows Setup

1. Press the power button, usually located on the side or back of the display.
2. The PC will boot up and guide you through the Windows 11 initial setup process. Follow the on-screen prompts to:
 - Select your region and keyboard layout.
 - Connect to a Wi-Fi network (if not using wired Ethernet).
 - Sign in with your Microsoft account or create a new one.

- Set up privacy settings and create a PIN.

3. The myHP application can assist with simple setup and device management.

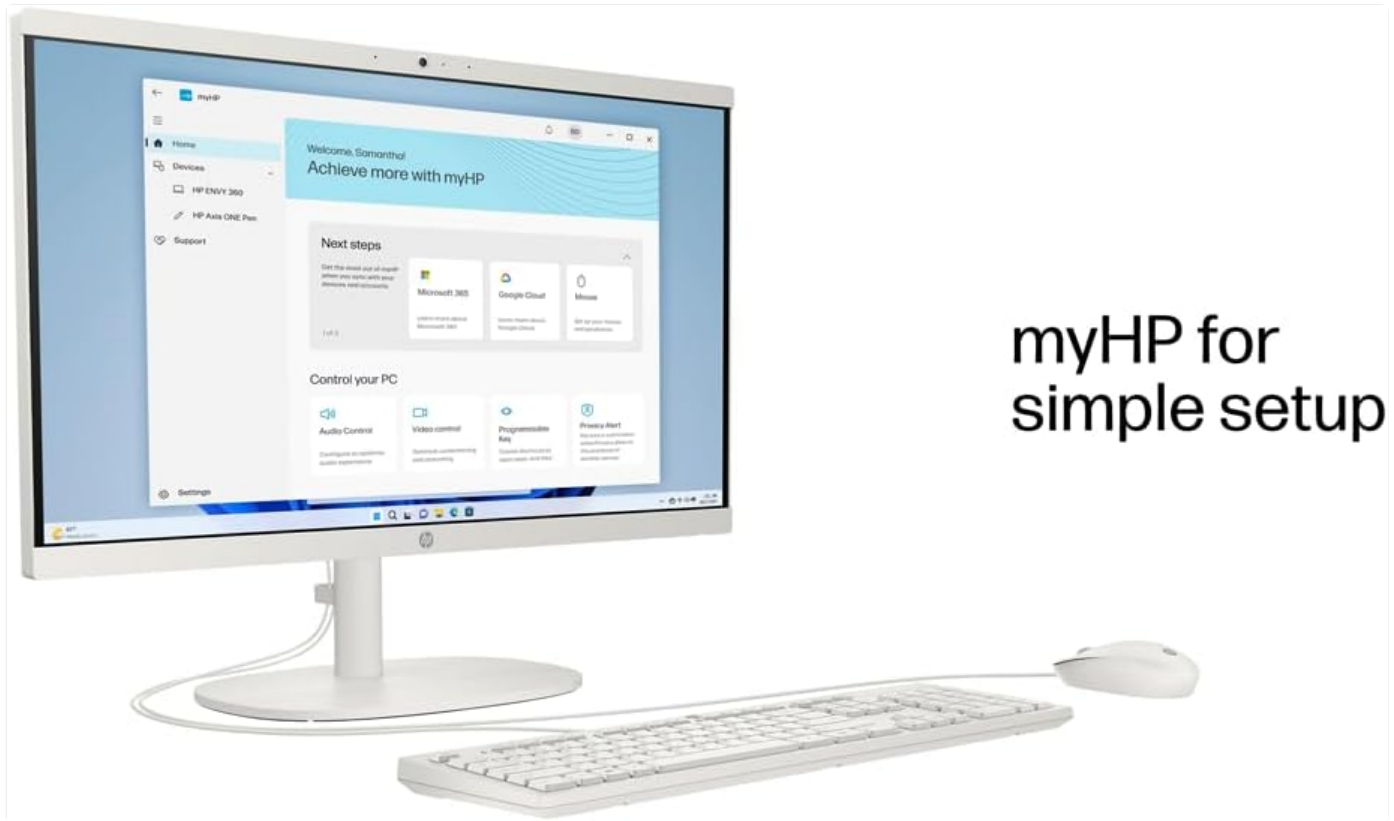


Figure 2.3: The myHP application for simplified setup.

3. OPERATION

This section provides guidance on operating your HP All-in-One PC.

3.1 Using Windows 11

Your PC comes with Windows 11 pre-installed. Familiarize yourself with the new interface, Start Menu, and taskbar. Utilize the search bar to quickly find applications and files.

3.2 Display and Visuals

The 21.5-inch Full HD anti-glare display minimizes reflections, providing a comfortable viewing experience. Adjust display settings (resolution, brightness) via Windows Settings > System > Display.

3.3 Webcam and Audio

The integrated HP True Vision 720p HD privacy camera and dual array digital microphones are ideal for video conferencing and online communication. Ensure the privacy shutter is open when using the camera. Dual stereo speakers provide clear audio output.



Figure 3.1: Utilizing the integrated webcam and microphones for communication.

3.4 Connectivity

- **Wi-Fi 6:** Connect to high-speed wireless networks for fast internet access. Manage Wi-Fi connections through the network icon in the system tray.
- **Bluetooth:** Pair Bluetooth-enabled devices such as headphones, speakers, or mobile phones via Windows Settings > Bluetooth & devices.
- **USB Ports:** Use the various USB Type-A and USB Type-C ports for connecting external drives, printers, and other peripherals.
- **HDMI-out:** Extend your desktop to an external monitor or projector for increased productivity or presentations.

4. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your HP All-in-One PC.

4.1 Cleaning

- **Display:** Use a soft, lint-free cloth lightly dampened with water or a non-abrasive screen cleaner. Do not spray liquid directly onto the screen.
- **Exterior:** Wipe the exterior surfaces with a soft, dry cloth. Avoid harsh chemicals.
- **Vents:** Periodically check and gently clean the ventilation openings to prevent dust buildup, which can affect cooling.

4.2 Software Updates

- **Windows Updates:** Ensure Windows Update is enabled to receive the latest security patches and feature enhancements. Go to Settings > Windows Update.
- **Driver Updates:** HP regularly releases updated drivers for optimal hardware performance. Check the HP Support website for your model.

4.3 Storage Management

The 512GB PCIe SSD provides fast storage. To maintain performance:

- Regularly delete unnecessary files and empty the Recycle Bin.
- Uninstall programs you no longer use.
- Consider using cloud storage for large files to free up local disk space.

5. TROUBLESHOOTING

This section addresses common issues you might encounter and provides basic troubleshooting steps.

5.1 No Power / System Not Starting

- Ensure the power cable is securely connected to both the PC and the wall outlet.
- Verify the wall outlet is functional by plugging in another device.
- Try a different power outlet.

5.2 No Display / Blank Screen

- Confirm the PC is powered on (check power indicator light).
- If an external monitor is connected, ensure it is powered on and the correct input source is selected.
- Restart the PC by holding the power button for 10 seconds until it shuts down, then press it again to restart.

5.3 Network Connectivity Issues

- **Wi-Fi:** Check if Wi-Fi is enabled in Windows settings. Restart your router/modem. Ensure you are connecting to the correct network and entering the password correctly.
- **Wired (Ethernet):** Verify the Ethernet cable is securely connected at both ends. Check the network status in Windows settings.
- Run the Windows Network Troubleshooter (Settings > Network & internet > Advanced network settings > Network troubleshooter).

5.4 Peripheral Not Responding (Keyboard/Mouse)

- Ensure the USB cables for the keyboard and mouse are firmly plugged into the PC's USB ports.
- Try plugging the peripherals into different USB ports.
- Restart the PC.

6. SPECIFICATIONS

Detailed technical specifications for the HP All-in-One Desktop PC (Model: 0024).



Figure 6.1: Physical dimensions of the HP All-in-One PC.

| Feature | Detail |
|--------------------|---|
| Model Number | 0024 |
| Processor | Intel Celeron J4025 (2.0 GHz base, up to 2.9 GHz) |
| Graphics | Intel UHD Graphics (Integrated) |
| Display Size | 21.5 inches |
| Display Resolution | FHD (1920 x 1080), Anti-Glare |
| RAM | 40GB DDR4 SDRAM |
| Storage | 512GB PCIe NVMe M.2 SSD |

| Feature | Detail |
|------------------------|---|
| Operating System | Windows 11 (64-bit, English) |
| USB Ports | 1x USB Type-C (5Gbps), 2x USB Type-A (5Gbps), 2x USB 2.0 Type-A |
| Video Output | 1x HDMI-out 1.4 |
| Audio Ports | 1x Headphone/Microphone combo |
| Network | Wi-Fi 6, Bluetooth, 1x RJ-45 Ethernet |
| Webcam | HP True Vision 720p HD privacy camera |
| Dimensions (L x W x H) | 19.30 x 7.05 x 14.99 inches |
| Weight | 12.56 lbs |
| Included Accessories | Keyboard, Mouse |

7. WARRANTY & SUPPORT

For detailed warranty information and technical support, please refer to the official HP resources.

7.1 Product Warranty

Your HP All-in-One PC comes with a standard manufacturer's warranty. The specific terms and duration of the warranty are provided with your product documentation or can be found on the official HP website. Please retain your proof of purchase for warranty claims.

7.2 Technical Support

If you encounter issues that cannot be resolved using the troubleshooting steps in this manual, HP offers comprehensive technical support.

- **HP Support Website:** Visit support.hp.com for drivers, software updates, diagnostic tools, and knowledge base articles.
- **Contact Support:** Information on contacting HP customer service via phone or chat can be found on the HP support website.
- **Online Forums:** Participate in HP's online community forums to get help from other users and HP experts.

