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› Dell 24 All-in-One Desktop ec24250-23.8-inch FHD Display, Intel Core 3 Processor 100U, Intel Graphics, 8GB DDR5 RAM, 512GB SSD, Windows 11 Home, Onsite Service+6 Months Retail Migrate - White Intel Core 3-100U 8 GB 512 GB - User Manual

Dell DEC24250-3413WHT-PUS

Dell 24 All-in-One Desktop User Manual

Model: DEC24250-3413WHT-PUS

1. INTRODUCTION

The Dell 24 All-in-One Desktop is designed to provide a comprehensive computing experience in a compact form factor. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device. It features a 23.8-inch FHD IPS display with 99% sRGB and enhanced contrast for vivid visuals. Dell ComfortView Plus technology is integrated to reduce harmful blue light emissions, promoting eye comfort during extended use. The system also includes a 5MP+IR camera with HDR technology for clear video conferencing, even in challenging lighting conditions.

Key features include:

- **Immersive Visuals:** FHD IPS display with 99% sRGB and narrow borders.
- **Eye Comfort:** Dell ComfortView Plus for reduced blue light and a smoother viewing experience with a higher refresh rate.
- **Picture Perfect:** 5MP+IR camera with HDR technology and adjustable tilt (0 to 20 degrees).
- **Wireless, High-Definition Audio:** Dual Bluetooth speakers with Dolby Atmos spatial sound.
- **Windows 11 Home:** Modern design and multitasking tools for efficient use.

2. SETUP GUIDE

Follow these steps to set up your Dell 24 All-in-One Desktop.

2.1 What's in the Box

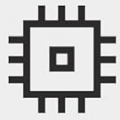
- Dell 24 All-in-One EC24250
- Dell Pro Keyboard and Mouse-KM5221W White (Copilot)-US English
- Power Cord
- Documentation

2.2 Initial Setup

1. **Unpack the System:** Carefully remove the All-in-One desktop, keyboard, mouse, and power cord from the packaging.
2. **Connect Keyboard and Mouse:** The included Dell Pro Keyboard and Mouse are wireless. Insert the USB receiver into an available USB port on the back of the All-in-One. Ensure batteries are installed in the keyboard and mouse.
3. **Connect Power:** Connect the power cord to the power port on the back of the All-in-One, then plug the other end into a wall outlet or surge protector.
4. **Power On:** Press the power button, typically located on the bottom right side of the display, to turn on the system.
5. **Complete Windows Setup:** Follow the on-screen instructions to complete the Windows 11 Home setup, including language selection, network connection, and user account creation.



Figure 2.1: Dell 24 All-in-One Desktop with included keyboard and mouse.



Intel® Core™ 3
processor 100U



8GB, 1x8GB,
DDR5, 5200MT/s
Memory



512GB M.2 PCIe
NVMe Solid
State Drive



Intel® Graphics



Figure 2.2: Rear view of the Dell 24 All-in-One Desktop showing various ports and connections.

3. OPERATING YOUR DESKTOP

This section provides an overview of key operational aspects of your Dell All-in-One Desktop.

3.1 Display and Visuals

The 23.8-inch FHD IPS display offers vibrant and true-to-life colors. Dell ComfortView Plus technology is designed to reduce harmful blue light emissions, making long screen sessions more comfortable for your eyes. The display also features a higher refresh rate for a smoother viewing experience.



ComfortView Plus

Keep your eyes comfortable during long screen sessions with Dell ComfortView Plus, which helps reduce harmful blue light emissions while keeping colors true-to-life.

Figure 3.1: Dell ComfortView Plus technology helps reduce blue light for eye comfort.

3.2 Integrated Camera

The built-in 5MP+IR pop-up webcam features HDR technology, ensuring you look your best even in challenging lighting conditions. The camera tilt can be adjusted from 0 to 20 degrees to achieve the perfect angle for video calls.



Videochat with Confidence

Look your best, even in challenging light conditions, with HDR technology on the built-in 5MP IR pop-up webcam. Adjust the camera angle with its 0~20 degree tilt.

Figure 3.2: Videoconference with confidence using the integrated 5MP+IR pop-up webcam.

3.3 Audio System

Immerse yourself in clear audio with the dual Bluetooth speakers and Dolby Atmos spatial sound. This provides an enhanced audio experience for music, video calls, and movies.



Powerful Audio

Enjoy loud, clear audio with dual speakers and Dolby Atmos[®] spatial sound.

Figure 3.3: Enjoy powerful and clear audio from the integrated dual speakers.

3.4 Windows 11 Home

Your Dell All-in-One Desktop comes pre-installed with Windows 11 Home, offering a modern interface and various multitasking tools to enhance your productivity and user experience.

4. MAINTENANCE

Proper maintenance helps ensure the longevity and optimal performance of your Dell All-in-One Desktop.

4.1 Cleaning

- **Screen:** Use a soft, lint-free cloth slightly dampened with water or a screen-cleaning solution. Avoid harsh chemicals.
- **Chassis:** Wipe the exterior surfaces with a soft, dry cloth. For stubborn marks, a slightly damp cloth can be used.
- **Vents:** Periodically use compressed air to clear dust from the ventilation openings to prevent overheating.

4.2 Software Updates

Regularly update your operating system and drivers to ensure security, stability, and performance. Windows Update will typically handle OS updates automatically. For Dell-specific drivers and firmware, visit the official Dell Support website.

5. TROUBLESHOOTING

This section provides solutions to common issues you might encounter.

5.1 No Power / System Not Turning On

- Ensure the power cord is securely connected to both the desktop and the power outlet.
- Verify the power outlet is functional by plugging in another device.
- Try a different power cord if available.

5.2 Display Issues (No Image / Flickering)

- Ensure the system is powered on.
- Check if the monitor mode switch (if applicable) is set correctly.
- Restart the computer.

5.3 Keyboard or Mouse Not Responding

- Check the batteries in the wireless keyboard and mouse.
- Ensure the USB receiver is properly inserted into a USB port. Try a different USB port.
- Restart the computer.

For more complex issues, please refer to the Dell Support website or contact Dell technical support.

6. SPECIFICATIONS

Detailed technical specifications for the Dell 24 All-in-One Desktop (Model: DEC24250-3413WHT-PUS).



Figure 6.1: Physical dimensions of the Dell 24 All-in-One Desktop.



Figure 6.2: Overview of core internal components and their specifications.

Feature	Specification
Standing Screen Display Size	23.8 Inches
Screen Resolution	1920 x 1080 (FHD)
Max Screen Resolution	1920x1080 Pixels
Processor	1.2 GHz Intel Core 3-100U
RAM	8 GB DDR5 (5200 MHz)
Hard Drive	512 GB SSD (NVMe Solid State)
Graphics Coprocessor	Intel® Graphics (Integrated)
Wireless Type	802.11ax, Bluetooth
USB 3.0 Ports	5
Operating System	Windows 11 Home
Item Weight	10.91 pounds
Product Dimensions (LxWxH)	1.58 x 21.86 x 14.11 inches
Color	White
Number of Processors	6
Date First Available	March 25, 2025

7. WARRANTY AND SUPPORT

Your Dell 24 All-in-One Desktop comes with dedicated support and service options.

7.1 Service and Warranty

The product includes **1 Year Onsite Service**, providing support at your home, office, or chosen location if an issue covered by the Limited Hardware Warranty cannot be resolved remotely. Additionally, **6 Months Dell Migrate** is included, a self-service tool to assist in transferring your data, personal records, and important files to your new Dell PC.

7.2 Contacting Support

For technical assistance, warranty claims, or further information, please visit the official Dell Support website or refer to the documentation included with your product. You can also visit the Dell Store on Amazon for product information and accessories.