Dell ECS1250

Dell Slim Desktop ECS1250 User Manual

Model: ECS1250 | Brand: Dell

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your Dell Slim Desktop ECS1250. This high-performance desktop is designed for productivity and efficiency in various environments.

2. WHAT'S IN THE BOX

Verify that all items are present in the packaging:

- Dell Slim ECS1250 Desktop
- Dell Wired Keyboard - KB216 - US English - Black
- Dell Wired Mouse - MS116 - Black
- Power Cord
- Documentation (including this manual)

3. SETUP

1. **Unpack the Desktop:** Carefully remove the Dell Slim Desktop and all accessories from the packaging.
2. **Connect Peripherals:**

   - Connect the Dell Wired Keyboard and Mouse to the available USB ports on the desktop.
   - Connect your monitor(s) to the DisplayPort 1.4a or HDMI 2.1 ports on the rear of the desktop.
   - If using external speakers or headphones, connect them to the appropriate audio jacks.

3. **Connect to Power:** Plug the power cord into the desktop's power input and then into a wall outlet or surge protector.
4. **Power On:** Press the power button located on the front of the desktop.
5. **Initial Configuration:** Follow the on-screen instructions to complete the Windows 11 Home setup, including network connection, user account creation, and software updates.

Ready for business

Keep your data secure with a hardware TPM security chip.

Image: A Dell Slim Desktop set up on a desk with a monitor, keyboard, and mouse, ready for use.

4. OPERATING INSTRUCTIONS

Your Dell Slim Desktop ECS1250 comes pre-installed with Windows 11 Home, offering a modern and efficient operating experience.

- **Power On/Off:** Use the power button on the front panel to turn the system on or off. For a controlled shutdown, use the Windows Start menu.
- **Multitasking:** The Intel Core Ultra 5-225 processor with built-in AI enhances productivity, allowing for smooth multitasking across various applications.
- **Connectivity:** Utilize the multiple USB ports (USB 2.0 Type-A, USB 3.2 Type-A, USB 3.2 Type-C) and the 3.0 SD Card Reader for connecting external devices and transferring data.
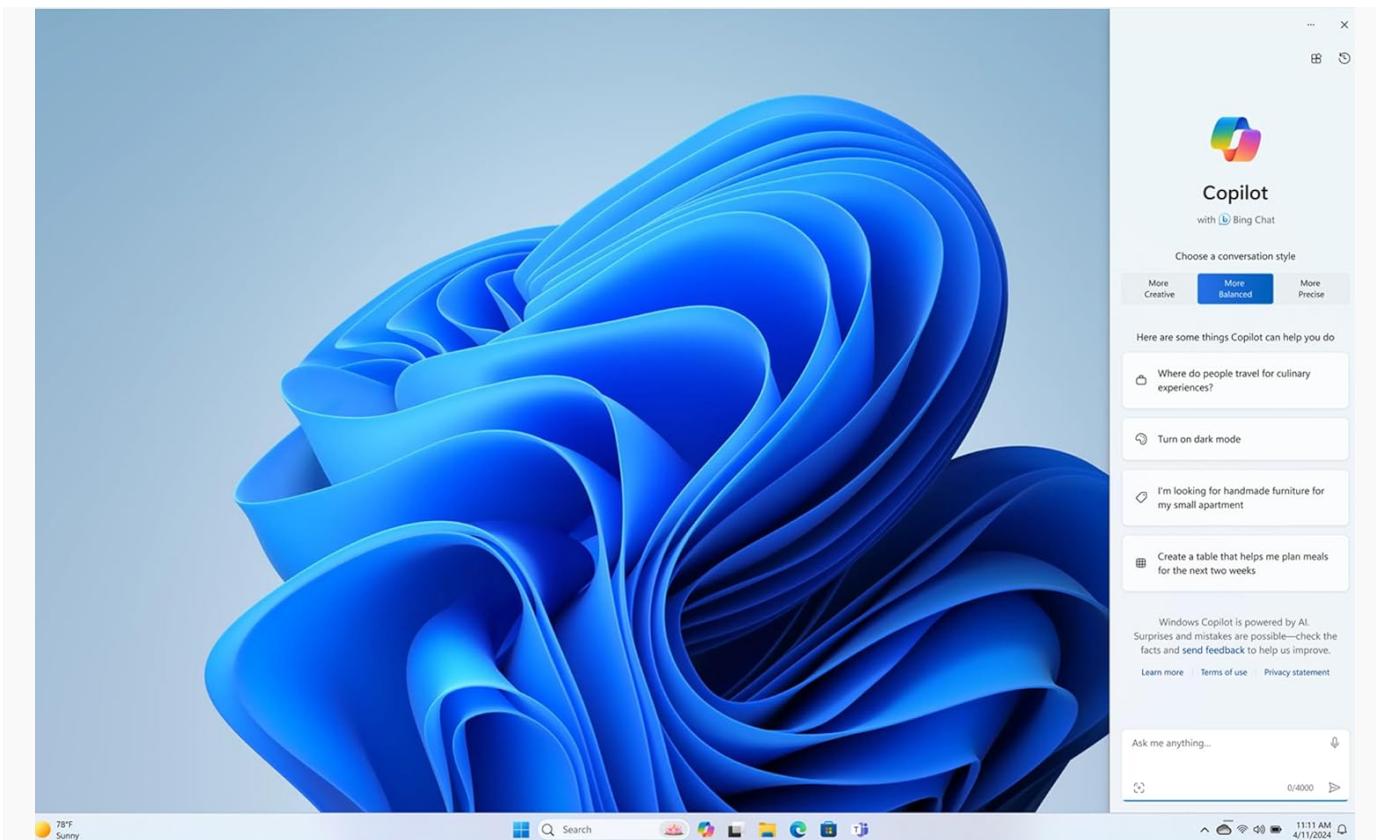
Image: The Dell Slim Desktop displaying the Windows 11 Home user interface, highlighting its modern design and multitasking capabilities.

5. CONNECTIVITY

The Dell Slim Desktop ECS1250 offers comprehensive connectivity options:

Front Panel Ports:

- Power Button
- Media Card Reader (3.0 SD Card Reader)
- Headset Jack
- 2x USB 2.0 Type-A ports
- 1x USB 3.2 Type-A port (5Gbps)
- 1x USB 3.2 Type-C port (5Gbps)

DisplayPort™ 1.4a

HDMI 2.1

2x USB 3.2 Type-A

2x USB 2.0 Type-A

RJ45 Ethernet Port (1Gbps)

Expansion Slots

Power Supply
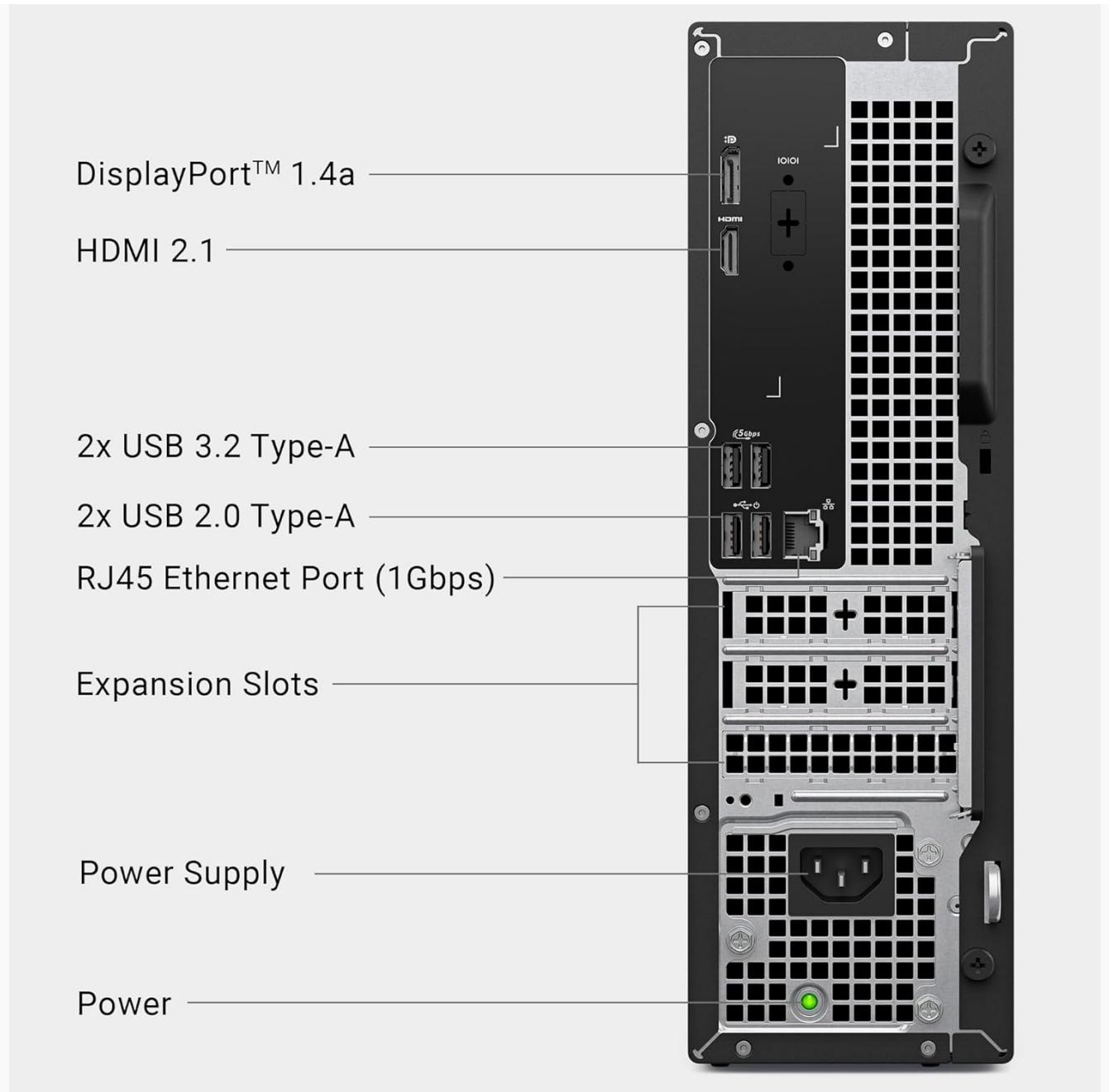
Power

Image: Detailed view of the front panel ports on the Dell Slim Desktop, including the power button, media card reader, headset jack, and various USB ports.

Rear Panel Ports:

- DisplayPort™ 1.4a
- HDMI 2.1
- 2x USB 3.2 Type-A ports
- 2x USB 2.0 Type-A ports
- RJ45 Ethernet Port (1Gbps)
- Expansion Slots
- Power Supply Input
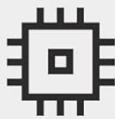
Intel Core Ultra 5-225 Processor

16 GB DDR5, 1x16 GB, 5600MT/s Memory

512GB M.2 PCIe NVMe Solid State Drive

Intel® UHD Graphics

Image: Detailed view of the rear panel ports on the Dell Slim Desktop, showing DisplayPort, HDMI, USB ports, Ethernet, and power input.

Wireless Connectivity:

- 802.11ax (Wi-Fi)
- Bluetooth

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the desktop. Avoid liquid cleaners directly on components.
- **Software Updates:** Regularly update your Windows operating system and drivers to ensure optimal performance and security.
- **Ventilation:** Ensure the desktop has adequate airflow around it to prevent overheating. Do not block ventilation openings.
- **Data Backup:** Periodically back up important data to an external drive or cloud storage.

7. UPGRADES

The Dell Slim Desktop ECS1250 is designed for convenient internal component access:

- **Tool-less Entry:** The side panel can be removed without tools, allowing for easy access to internal components.
- **Memory:** The system supports DDR5 RAM. Consult the specifications for maximum supported memory and compatible modules.
- **Storage:** The system includes a 512GB M.2 SSD. Additional storage options may be available via expansion slots or SATA ports.

Effortless upgrades
The tool-less entry and removable side panel
let you quickly access the internal components, making
upgrades convenient and stress-free.

Image: Rear view of the Dell Slim Desktop, illustrating the tool-less entry and removable side panel for easy upgrades.

8. TROUBLESHOOTING

- **No Power:**

- Check if the power cord is securely connected to both the desktop and the power outlet.
- Verify the power outlet is functional.

- **No Display:**

  - Ensure the monitor is powered on and connected correctly to the desktop's video output ports (DisplayPort or HDMI).
  - Try a different video cable or monitor if available.

- **System Slowdown:**

  - Close unnecessary applications.
  - Check for and install any pending Windows updates.
  - Run a system scan for malware or viruses.

9. SPECIFICATIONS

Feature	Detail
Processor	Intel Core Ultra 5-225 (10-Core, 20MB Total Cache, 3.3GHz)
RAM	16 GB DDR5 (5600 MHz)
Storage	512 GB M.2 SSD
Graphics	Intel UHD Graphics 730 (Integrated)
Operating System	Windows 11 Home
Wireless Connectivity	802.11ax, Bluetooth
USB Ports (Front)	2x USB 2.0 Type-A, 1x USB 3.2 Type-A, 1x USB 3.2 Type-C
USB Ports (Rear)	2x USB 3.2 Type-A, 2x USB 2.0 Type-A
Video Output	1x DisplayPort 1.4a, 1x HDMI 2.1
Dimensions (LxWxH)	11.54 x 3.74 x 11.95 inches
Weight	7.69 pounds

Image: Visual summary of key specifications for the Dell Slim Desktop.

10. WARRANTY AND SUPPORT

Your Dell Slim Desktop ECS1250 includes the following services:

- **1 Year Onsite Service:** Provides support when and where you need it. Dell will come to your home, office, or location of choice if an issue covered by Limited Hardware Warranty cannot be resolved remotely.
- **6 Months Dell Migrate:** A simple do-it-yourself tool that moves your hard-to-replace data, personal records, and important files to your latest Dell PC.

For complete details and to access support, please visit the official Dell support website or refer to the documentation included with your product.

DELLTechnologies **Services**

1 Year Onsite Service after remote diagnosis.*

▬

*Onsite Service after remote diagnosis is determined by online or phone tech and may involve customer access to the inside of the system and multiple extended sessions. If the issue is covered by the Limited Hardware Warranty and cannot be resolved remotely, the tech and/or replacement part will be dispatched, usually in 1 or 2 business days, following the completion of remote diagnosis. The customer must return the original hardware according to Dell's terms. Onsite service is provided by Dell Marketing L.P. Availability varies. Other conditions apply. For complete details, see Dell.com/service contracts.

Image: Information regarding Dell's 1-Year Onsite Service after remote diagnosis.

11. OFFICIAL PRODUCT VIDEOS

The following video provides additional information about Dell's commitment to sustainability:

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Video: "Dell Technologies - Sustainability" - This video highlights Dell's initiatives and commitment to environmental sustainability in their products and operations.