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› [Dell](#) /

› Dell 16 Laptop DC16250 Instruction Manual

Dell DC16250

Dell 16 Laptop DC16250 Instruction Manual

1. PRODUCT OVERVIEW

The Dell 16 Laptop DC16250 is a compact 16-inch laptop designed for productivity and entertainment. It features a 16:10 FHD+ Touch Display, an Intel Core 5 120U Processor, 16GB DDR5 RAM, and a 512GB SSD. This laptop runs on Windows 11 Home and includes Intel Graphics.



Image 1: The Dell 16 Laptop DC16250, showcasing its sleek design and 16-inch display.

Key Features:

- **Edge-to-edge Clarity:** 16-inch FHD+ Touch Display with a 16:10 aspect ratio for an immersive viewing experience.
- **All-day Comfort:** Dell ComfortView Plus technology reduces harmful blue light emissions.
- **Efficient Performance:** Powered by Intel Core 5-120U processor and Intel Graphics for productivity and entertainment.
- **Enhanced Virtual Connection:** HD camera with wide dynamic range and temporal noise reduction for clear video calls.
- **Adaptive Thermals:** Automatically adjusts power and thermals for efficient operation based on surface detection.
- **Windows 11 Home:** Modern operating system with multitasking tools and the Windows Copilot Key for AI assistance.
- **Sustainable Design:** Constructed with post-consumer recycled plastics.

2. SETUP GUIDE

2.1 Unboxing and Initial Inspection

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

- Dell 16 Laptop DC16250
- 65 Watt AC Adapter
- Power Cord
- Documentation

2.2 Powering On and Initial Configuration

1. Connect the 65 Watt AC Adapter to the laptop's power jack and then to a power outlet.
2. Open the laptop lid. The system may power on automatically. If not, press the power button located on the keyboard.
3. Follow the on-screen instructions to complete the initial Windows 11 setup, including language selection, network connection, and user account creation.
4. Register your product with Dell for warranty and support services.

3. OPERATING INSTRUCTIONS

3.1 Display and Visuals

The 16.0-inch FHD+ Touch Display offers a resolution of 1920x1200 pixels with a 16:10 aspect ratio. This provides more vertical screen space, ideal for documents and multitasking. The touchscreen functionality allows for intuitive interaction with Windows 11.

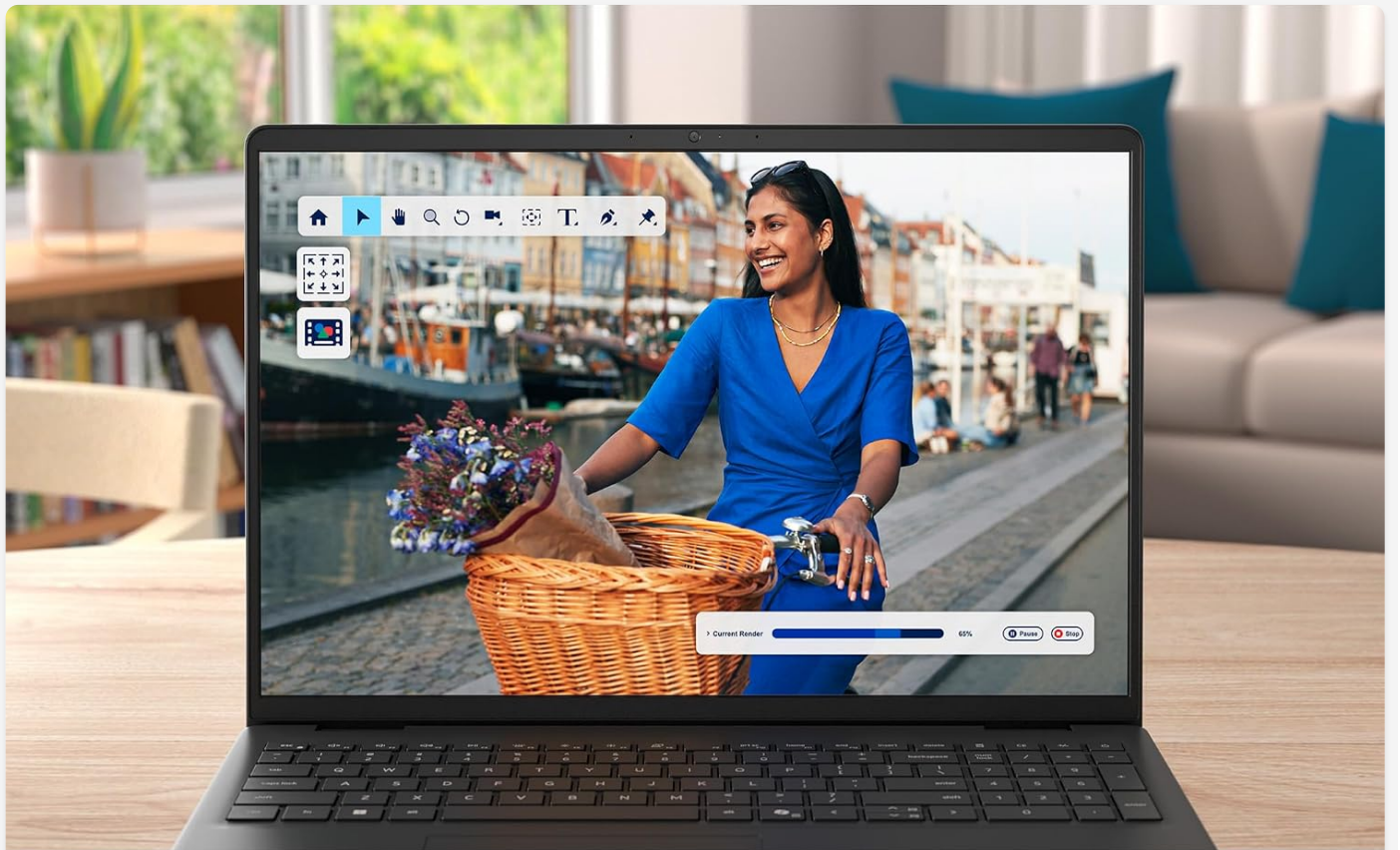


Edge-to-edge clarity

Enjoy crisp, expansive visuals on a 16" screen with 16:10 aspect ratio—delivering a wide, immersive viewing experience.

Image 2: The Dell 16 Laptop showcasing its expansive edge-to-edge display for clear visuals.

Dell ComfortView Plus: This feature is integrated to reduce harmful blue light emissions, ensuring eye comfort during extended use without compromising color accuracy.



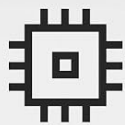
All-day comfort

Dell ComfortView Plus helps keep your eyes comfortable even during prolonged screen time.

Image 3: A user comfortably viewing the Dell 16 Laptop, highlighting the ComfortView Plus feature for reduced eye strain.

3.2 Performance and Multitasking

Equipped with an Intel Core 5 120U Processor and 16GB DDR5 RAM, the laptop delivers smooth performance for everyday tasks, business applications, and entertainment. The 512GB SSD ensures fast boot times and quick application loading.



Intel® Core™ 5 120U
Processor



512GB M.2 PCIe NVMe
Solid State Drive



16GB, 2x8GB, DDR5,
5200 MT/s Memory



Intel® Graphics

Image 4: An overhead view of the Dell 16 Laptop, illustrating its core specifications: Intel Core 5 120U Processor, 512GB M.2 PCIe NVMe SSD, 16GB DDR5 RAM, and Intel Graphics.

3.3 Connectivity

The laptop offers various connectivity options:

- **USB Ports:** Includes USB Type-C with Power Delivery 3.2 (10Gbps) & DisplayPort 1.4, and two USB 3.2 Gen 1 Type-A ports.
- **HDMI:** One HDMI 1.4 port for external display connections.
- **Audio:** Universal Audio Jack for headphones and speakers.
- **Wireless:** Wi-Fi 6 (802.11ax) and Bluetooth 5.3 for high-speed wireless connections.



Image 5: Detailed view of the Dell 16 Laptop's ports, including USB Type-C, USB Type-A, HDMI, and Universal Audio Jack.

3.4 Webcam and Audio

The integrated HD camera features wide dynamic range and temporal noise reduction, ensuring clear and sharp images during video conferences, regardless of lighting conditions. The laptop is equipped with two tuned speakers for audio output.



Built for virtual connection

Bring your connections to life with an HD camera, designed with wide dynamic range and temporal noise reduction.

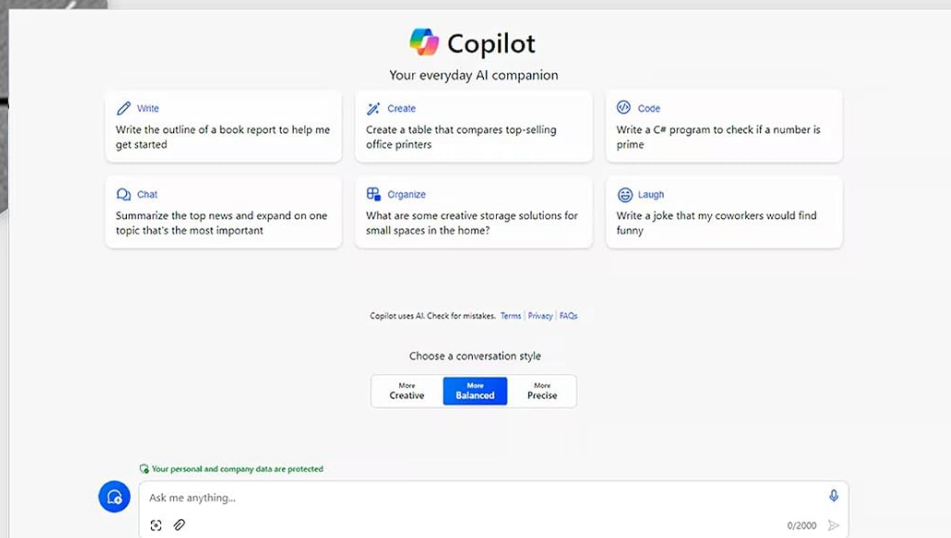
Image 6: The Dell 16 Laptop showing a video call in progress, highlighting its HD camera capabilities for virtual connections.

3.5 Keyboard and Touchpad

The laptop features a standard, full-size backlit keyboard with a QWERTY layout and a number pad for comfortable typing. The touchpad is responsive and supports multi-touch gestures.

3.6 Windows 11 and Copilot Key

Windows 11 Home provides a modern interface and powerful multitasking tools. The dedicated Windows Copilot Key offers instant access to an AI assistant for quick answers and solutions.



Windows Copilot Key

With one click, you have instant access to Copilot in Windows – Your own personal AI assistant. Get real answers, inspiration and solutions at your fingertips.

*Timing of Copilot feature delivery and availability varies by market and device. Requires Microsoft account to log in. When Copilot in Windows is not available or enabled on the device, pressing the Copilot key will launch Windows Search.

Image 7: The Dell 16 Laptop displaying the Windows Copilot interface, accessible via the dedicated Copilot Key.

3.7 Adaptive Thermals

The laptop incorporates adaptive thermal technology that senses when it's on a stable surface. It then adjusts its power and thermal settings to operate more efficiently, preventing overheating and maintaining optimal performance.

4. MAINTENANCE

4.1 Cleaning the Laptop

- Use a soft, lint-free cloth to clean the screen. For stubborn smudges, lightly dampen the cloth with water or a screen cleaner.
- Wipe the keyboard and touchpad with a soft, dry cloth. Use compressed air to remove debris from between keys.
- Ensure all vents are clear of dust and obstructions to maintain proper airflow and cooling.

4.2 Software Updates

Regularly check for and install Windows updates and Dell driver updates to ensure optimal performance, security, and compatibility. Access Windows Update through the Settings menu.

4.3 Battery Care

To prolong battery life, avoid extreme temperatures and fully discharging the battery frequently. For long-term storage, charge the battery to about 50% and store the laptop in a cool, dry place.

5. TROUBLESHOOTING

5.1 Power Issues

- **Laptop not turning on:** Ensure the AC adapter is securely connected to both the laptop and a working power outlet. Check the power indicator light.
- **Battery not charging:** Verify the AC adapter is functioning correctly. Try a different outlet. If the issue persists, contact Dell support.

5.2 Display Problems

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

5.3 Connectivity Issues

- **Wi-Fi not connecting:** Ensure Wi-Fi is enabled. Restart your router and modem. Check network settings in Windows.
- **Bluetooth device not pairing:** Ensure Bluetooth is enabled on both devices. Make sure devices are in pairing mode and within range.

5.4 General Performance

- **Slow performance:** Close unnecessary applications. Check for malware. Ensure sufficient free space on the SSD.
- **System freezing:** Restart the laptop. Check for conflicting software or driver issues.

6. SPECIFICATIONS

Feature	Description
Brand	Dell
Model Name	Dell 16 DC16250 Laptop
Screen Size	16 Inches
Display Resolution Maximum	1920x1200 Pixels (FHD+)
Touch Screen Type	Capacitive

CPU Model	Intel Core 5 120U
RAM Memory Installed Size	16 GB DDR5 (5200 MHz)
Hard Disk Size	512 GB SSD
Graphics Coprocessor	Intel Graphics (Integrated)
Operating System	Windows 11 Home
Wireless Technology	Bluetooth 5.3, Wi-Fi 6 (802.11ax)
Total USB Ports	3 (1x USB Type-C, 2x USB 3.2 Gen 1 Type-A)
HDMI Ports	1
Webcam Capability	Yes (HD Camera)
Keyboard Description	Standard, Backlit, QWERTY with Numpad
Item Weight	4.15 Pounds
Item Dimensions L x W x Thickness	9.82"L x 14.05"W x 0.75"Th

7. WARRANTY AND SUPPORT

The Dell 16 Laptop DC16250 comes with a 1-Year Basic Onsite Service after remote diagnosis with Hardware-Only Support. This service provides support when and where you need it, with Dell technicians coming to your location if an issue covered by the Limited Hardware Warranty cannot be resolved remotely.

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](https://www.dell.com/service) contracts.

Image 8: Information regarding Dell's 1-Year Onsite Service after remote diagnosis.

Additional Support:

- Access to Dell hardware support.
- PC repairs made easy – at home, work, or school.
- SupportAssist, your personal Dell IT team inside your PC.

Onsite support you can count on.



Access to Dell hardware support.



PC repairs made easy –
at home, work or school.



SupportAssist, your very own
Dell IT team inside your PC.

Image 9: Details on the comprehensive onsite support provided by Dell Technologies.

Official Product Video:

Your browser does not support the video tag.

Video 1: An official product video from Dell Marketing USA, LP, showcasing the Dell 16 Laptop. This video provides a visual overview of the laptop's features and design.

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Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

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