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› Dell 16 Plus Laptop User Manual - Model DB16250

Dell DB16250

Dell 16 Plus Laptop User Manual

Model: DB16250

1. PRODUCT OVERVIEW

The Dell 16 Plus Laptop, model DB16250, is a high-performance computing device designed for productivity and creative tasks. It features advanced AI capabilities, a powerful Intel Core Ultra 5 processor, and a vibrant 16-inch display.

DELL Technologies

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Figure 1: Key features of the Dell 16 Plus Laptop (Model DB16250).

Key Features:

- **Processor:** Intel Core Ultra 5 226V (8 cores, up to 4.5 GHz)
- **Memory:** 16GB LPDDR5X RAM (8533 MT/s)
- **Storage:** 512GB M.2 PCIe NVMe SSD
- **Display:** 16-inch FHD+ AG NT 300nits WVA/IPS Display with ComfortView
- **Graphics:** Integrated Intel Arc Graphics
- **Operating System:** Windows 11 Home
- **Keyboard:** Backlit Keyboard with Fingerprint Reader
- **Battery:** 4-cell, 64 Wh integrated
- **Weight:** Approximately 1.87 Kg

2. INITIAL SETUP

This section guides you through the initial setup process for your new Dell 16 Plus laptop.

2.1 Unboxing and Inspection

1. Carefully remove the laptop and all accessories from the packaging.
2. Verify that all components listed in the box contents are present: Laptop, Adapter, User Manual, Webcam.
3. Inspect the laptop for any physical damage. If damage is found, contact Dell Support immediately.

2.2 Connecting the Power Adapter

Before first use, ensure the laptop is connected to the power adapter and fully charged.

1. Connect the 65W Type-C power adapter to the appropriate port on your laptop.
2. Plug the power adapter into a wall outlet.
3. Allow the battery to charge for at least 30 minutes before initial power-on.

2.3 Initial Power-On and Windows Setup

Follow these steps to power on your laptop for the first time and complete the Windows 11 setup.

1. Open the laptop lid. The laptop may power on automatically. If not, press the power button located on the keyboard.
2. Follow the on-screen instructions to complete the Windows 11 Home setup, including language selection, network connection, and user account creation.
3. Register your fingerprint for secure login using the integrated Fingerprint Reader during setup or later via Windows Settings.

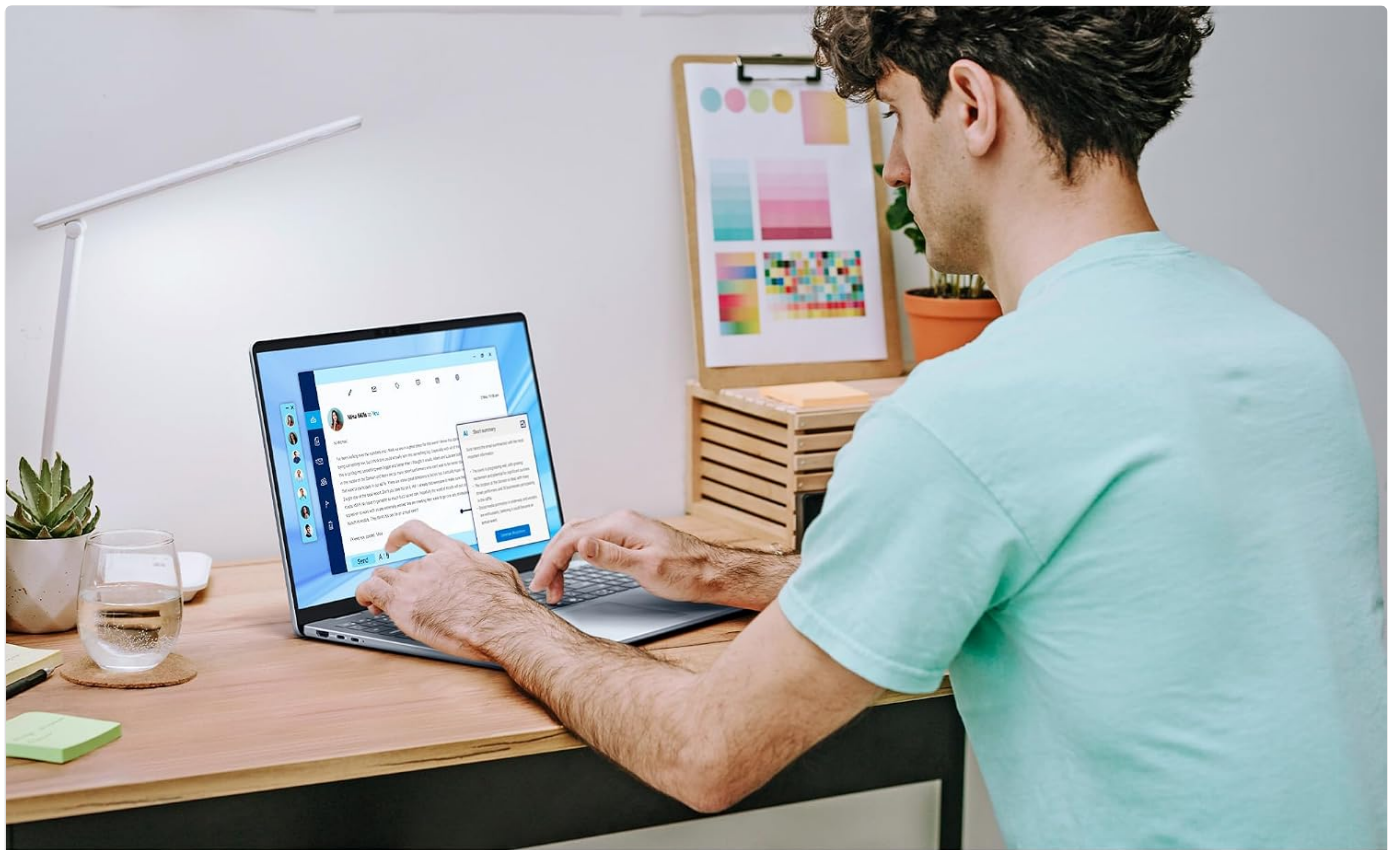
3. OPERATING YOUR LAPTOP

This section provides information on basic operation and utilizing the advanced features of your Dell 16 Plus laptop.

3.1 Power Management

- **Power On:** Press the power button.
- **Sleep Mode:** Close the lid or press the power button briefly.
- **Shut Down:** Click the Start button, then Power > Shut down.
- **Restart:** Click the Start button, then Power > Restart.

3.2 Keyboard and Fingerprint Reader



Bring your ideas to life

Unleash creativity with new AI experiences like creating custom visuals for projects, presentations or even social media posts.

Figure 2: Backlit Keyboard and Fingerprint Reader.

- The keyboard is backlit for use in low-light conditions. Adjust brightness via function keys.
- The integrated fingerprint reader provides secure and convenient login. Ensure your fingerprint is registered in Windows Hello settings.

3.3 Display Features



Dell 16 Plus Laptop

Dell 16 Plus business laptop with built-in AI, featuring a large screen and Intel Arc graphics making it ideal for creators and developers.

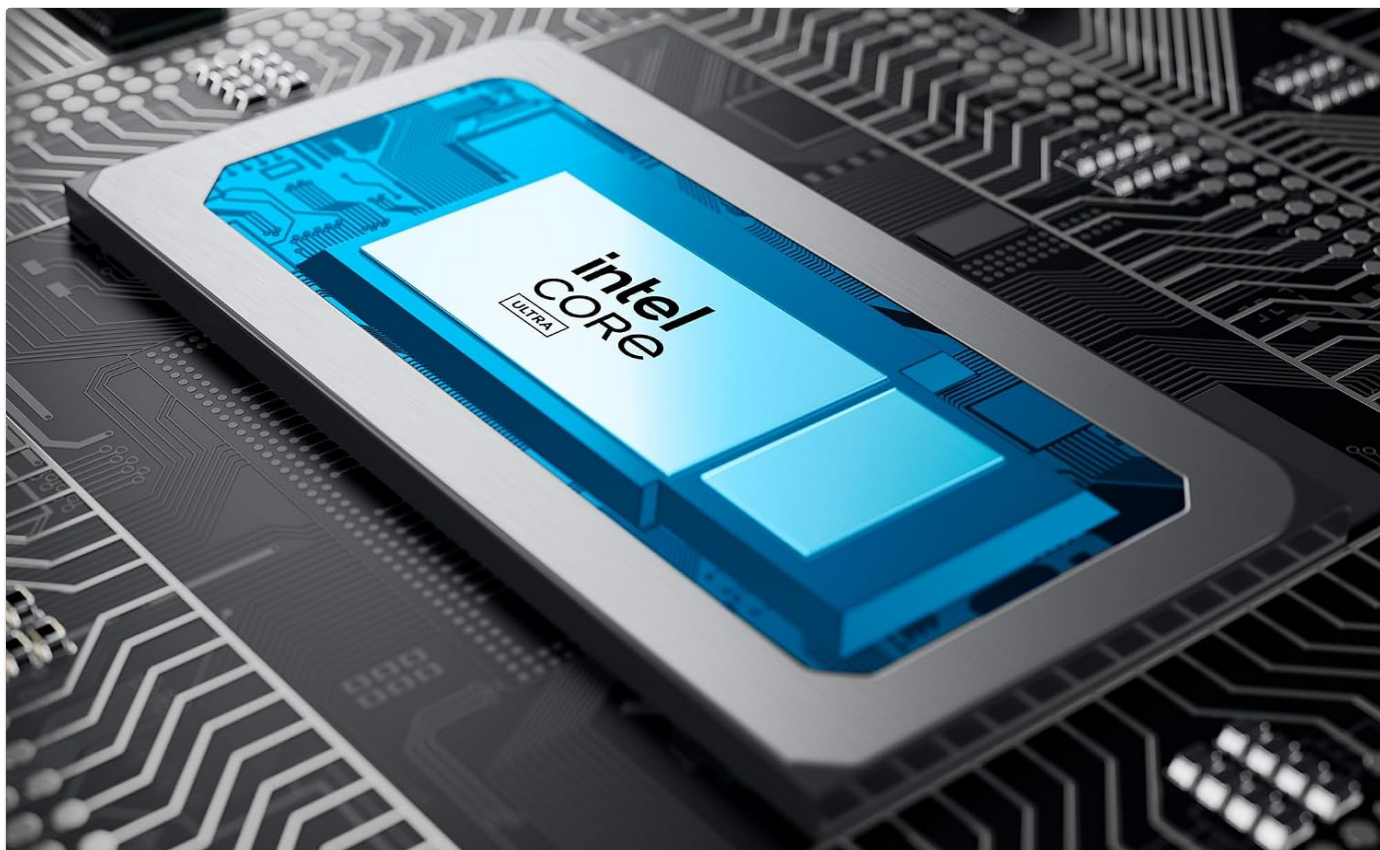
Figure 3: Expansive 16-inch display for creative work.

- The 16-inch FHD+ WVA/IPS display offers wide viewing angles and vibrant colors.
- **ComfortView:** This feature reduces harmful blue light emissions to enhance eye comfort during extended use. It can be enabled or disabled through Windows Display settings.

3.4 AI-Powered Features (Windows 11)

Your Dell 16 Plus laptop leverages AI capabilities within Windows 11 to enhance productivity and creativity.

Recall



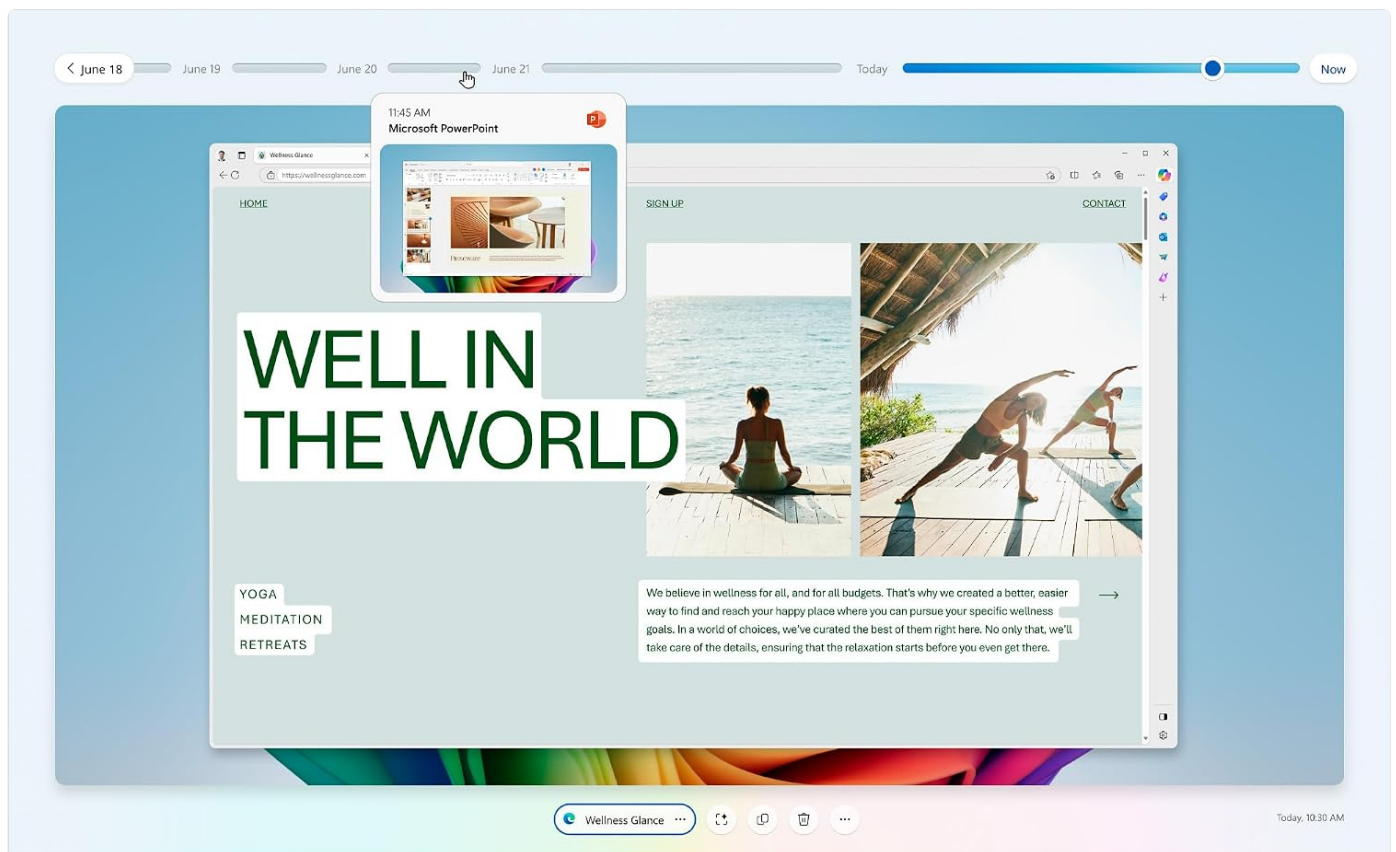
CPU

Fast Response: Ideal for real time multi-tasking and AI workload such as noise cancellation and instant transcription.

Figure 4: Windows Recall feature for content retrieval.

Recall allows you to quickly find content you've previously viewed on your laptop using natural language prompts. It scans apps, files, emails, and websites to help you retrieve specific information.

Live Captions



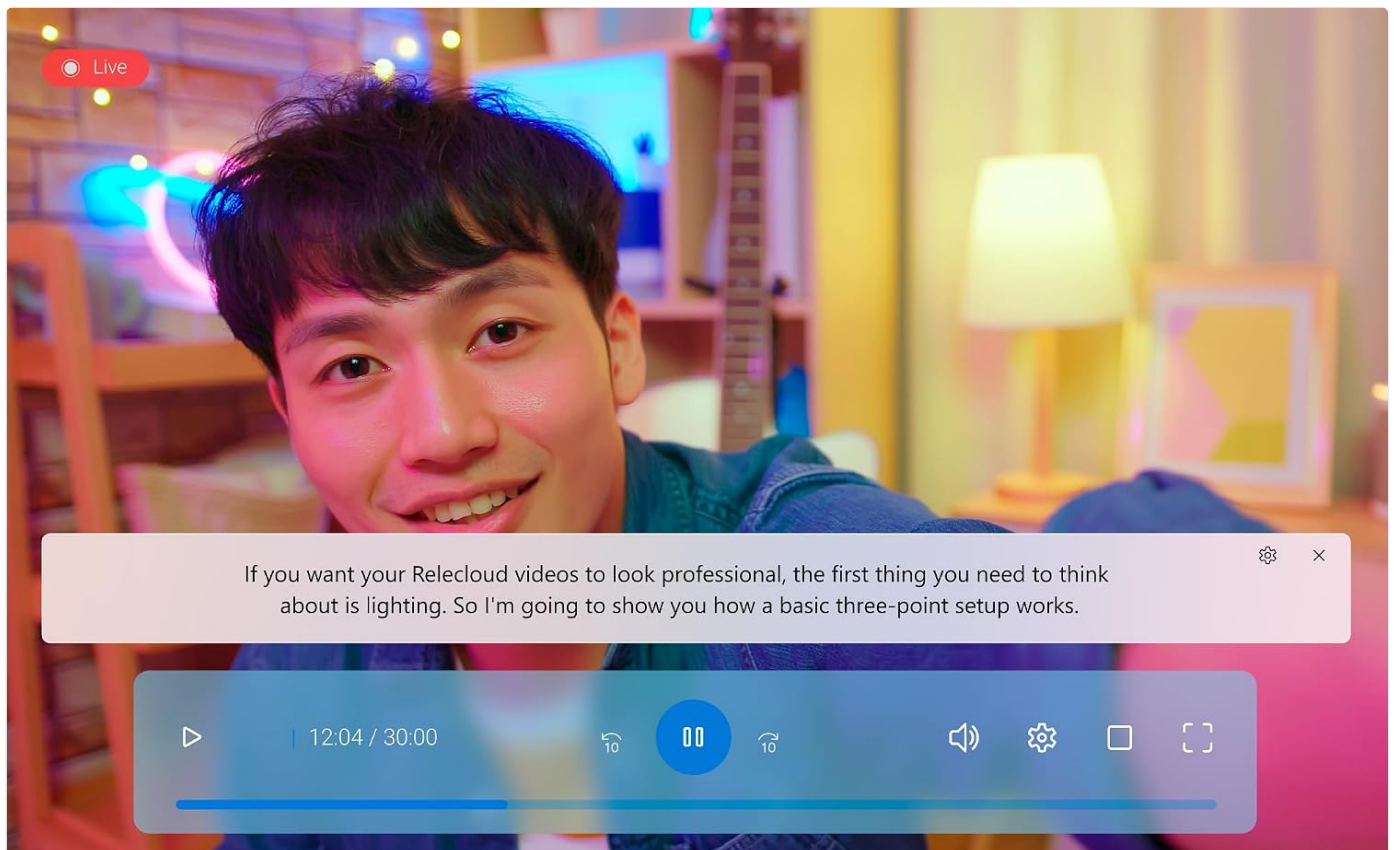
Recall

Using simple prompts and natural language, Recall* instantly scans apps, files, emails and websites you've seen before to retrieve exactly the content you're looking for.

Figure 5: Live Captions translating video content.

This feature provides real-time subtitles for audio played on your laptop, including video calls and movies. It supports translation from 44 languages into English.

Cocreator



Live captions

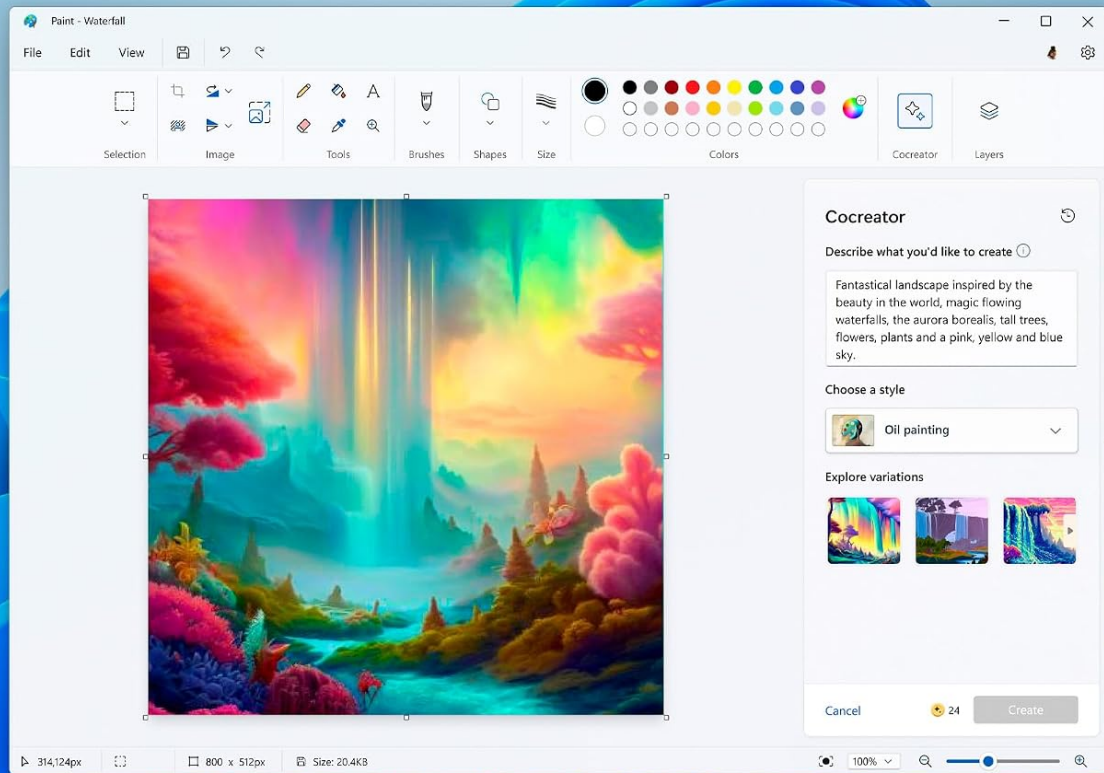
Instantly translate* your video calls or movies from any app or video platform into English subtitles, in real time.

**From 44 languages into English.*

Figure 6: Cocreator for generating custom images.

Cocreator assists in generating custom images based on text prompts, aiding in creative projects and presentations. It is optimized for English text prompts and requires a Microsoft account.

Windows Studio Effects



Cocreator

Help bring your creative aspirations to life with custom images through Cocreator*.

**Cocreator is optimized for English text prompts.
Requires Microsoft account.*

Figure 7: Windows Studio Effects for enhanced video calls.

Enhance your video calls with Windows Studio Effects, which provide features like background blur, eye contact correction, and automatic framing, improving your appearance and sound without additional hardware.

Copilot

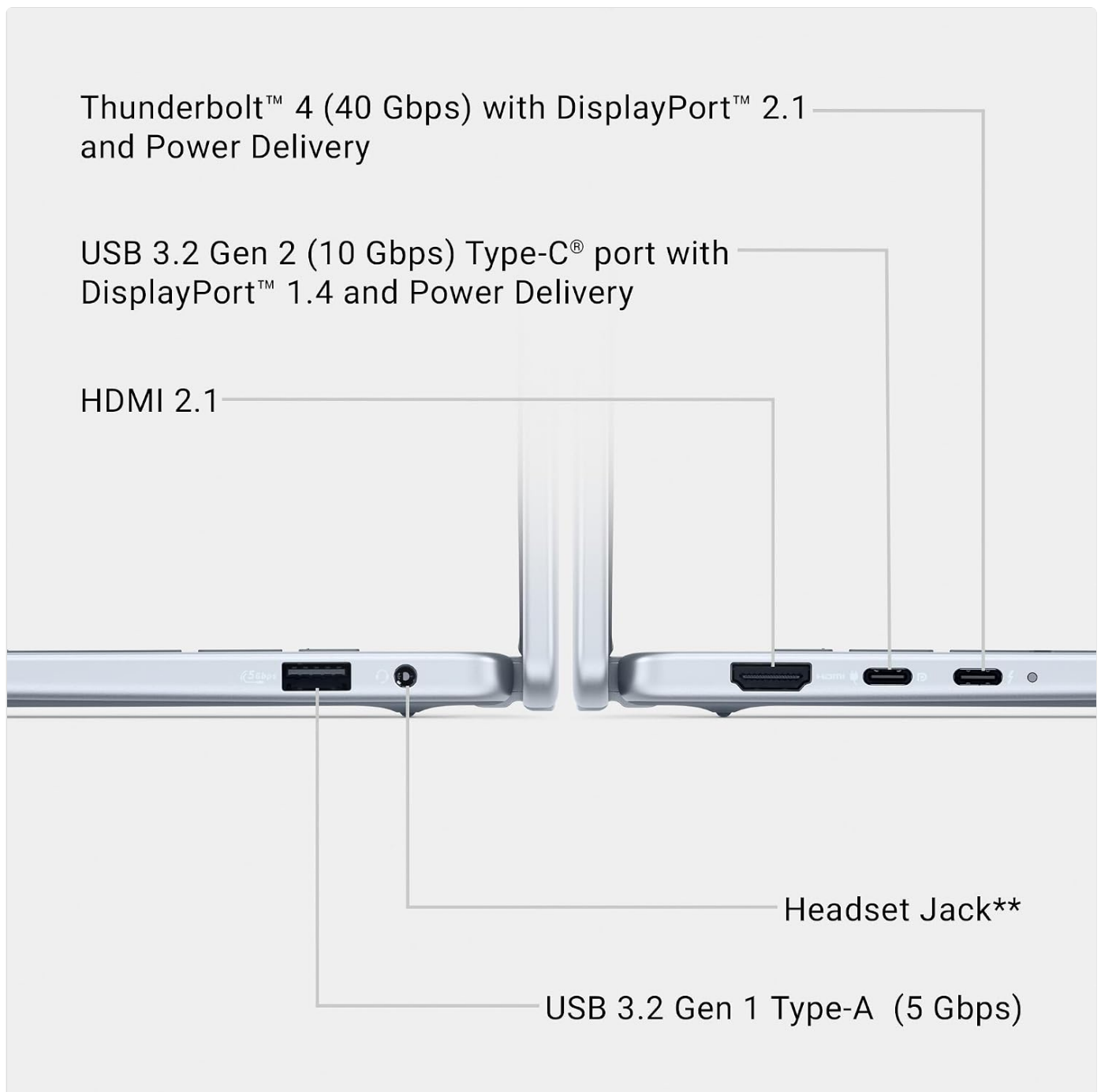


Figure 8: Copilot AI assistant in Windows 11.

Copilot is an AI assistant integrated into Windows 11, designed to help you with various tasks, answer questions, and provide suggestions to make everyday computing easier and more efficient.

3.5 Connectivity and Ports



Figure 9: Laptop side view with port labels.

The Dell 16 Plus laptop offers a variety of ports for connecting external devices:

- **Thunderbolt™ 4 (40 Gbps) with DisplayPort™ 2.1 and Power Delivery:** For high-speed data transfer, video output, and charging.
- **USB 3.2 Gen 2 (10 Gbps) Type-C® port with DisplayPort™ 1.4 and Power Delivery:** Versatile port for data, video, and charging.
- **HDMI 2.1:** For connecting to external displays or projectors.
- **Headset Jack:** For connecting headphones or a headset.
- **USB 3.2 Gen 1 Type-A (5 Gbps):** Standard USB port for peripherals.

4. MAINTENANCE AND CARE

Proper maintenance ensures the longevity and optimal performance of your Dell 16 Plus laptop.

4.1 Cleaning Your Laptop

- **Screen:** Use a soft, lint-free cloth lightly dampened with water or a screen cleaner. Do not spray liquid directly onto the screen.
- **Keyboard and Chassis:** Use a soft, dry cloth. For stubborn dirt, a slightly damp cloth with mild soap solution can be used, ensuring no liquid enters openings.
- **Ports:** Use compressed air to gently clear dust from ports. Avoid inserting objects into ports.

4.2 Software Updates

Regularly update your operating system and drivers to ensure security and performance.

- **Windows Updates:** Go to Start > Settings > Windows Update and check for updates.
- **Dell Drivers:** Visit the official Dell support website and enter your service tag to find the latest drivers for your model.

4.3 Battery Care

- Avoid extreme temperatures.
- Do not fully discharge the battery frequently.
- For long-term storage, charge the battery to about 50-60%.

5. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your Dell 16 Plus laptop.

5.1 General Troubleshooting Steps

1. **Restart the Laptop:** A simple restart can resolve many temporary software glitches.
2. **Check Connections:** Ensure all cables (power, peripherals) are securely connected.
3. **Update Drivers:** Outdated drivers can cause various issues. Refer to Section 4.2.
4. **Run Diagnostics:** Dell provides built-in diagnostic tools. Refer to the Dell support website for instructions.

5.2 Common Issues

- **Laptop does not power on:**
 - Ensure the power adapter is connected and the outlet is working.
 - Try holding the power button for 15-20 seconds to perform a hard reset.
- **Screen is blank or black:**
 - Connect an external monitor to check if the display output is working.
 - Adjust screen brightness using function keys.
- **Keyboard or Touchpad not responding:**
 - Restart the laptop.
 - Check for driver updates for the keyboard/touchpad.

6. TECHNICAL SPECIFICATIONS

Detailed technical specifications for the Dell 16 Plus Laptop (Model DB16250).

Feature	Specification
Brand	Dell
Model Name	Dell 16 Plus
Model Number	DB16250
Screen Size	16 Inches
Display Resolution	1920 x 1200 Pixels (FHD+)
Display Technology	IPS, WVA, 300 nits, ComfortView
Processor	Intel Core Ultra 5 226V
Processor Speed	Up to 4.5 GHz
RAM Memory	16 GB LPDDR5X (onboard)
Memory Speed	8533 MHz
Hard Drive Size	512 GB SSD (M.2, PCIe NVMe)
Graphics Card	Integrated Intel Arc Graphics
Operating System	Windows 11 Home
Keyboard	Backlit Keyboard
Special Features	Fingerprint Reader, AI Enabled
Battery	4-cell, 64 Watt Hours Lithium Ion
Item Weight	1870 Grams (1.87 Kg)
Dimensions (L x W x Thickness)	25L x 35.6W x 1.7Th Centimeters (16.99 mm thickness)
Ports	Thunderbolt 4, USB 3.2 Gen 2 Type-C, HDMI 2.1, Headset Jack, USB 3.2 Gen 1 Type-A
Webcam	Yes

7. WARRANTY INFORMATION

Your Dell 16 Plus Laptop comes with a standard warranty to cover manufacturing defects and hardware failures.

- **Warranty Period:** 1 Year Onsite Hardware Service.
- For detailed terms and conditions, please refer to the warranty documentation included with your product or visit the official Dell support website.

8. CUSTOMER SUPPORT

For technical assistance, service, or any inquiries regarding your Dell 16 Plus laptop, please contact Dell Support using the following methods:

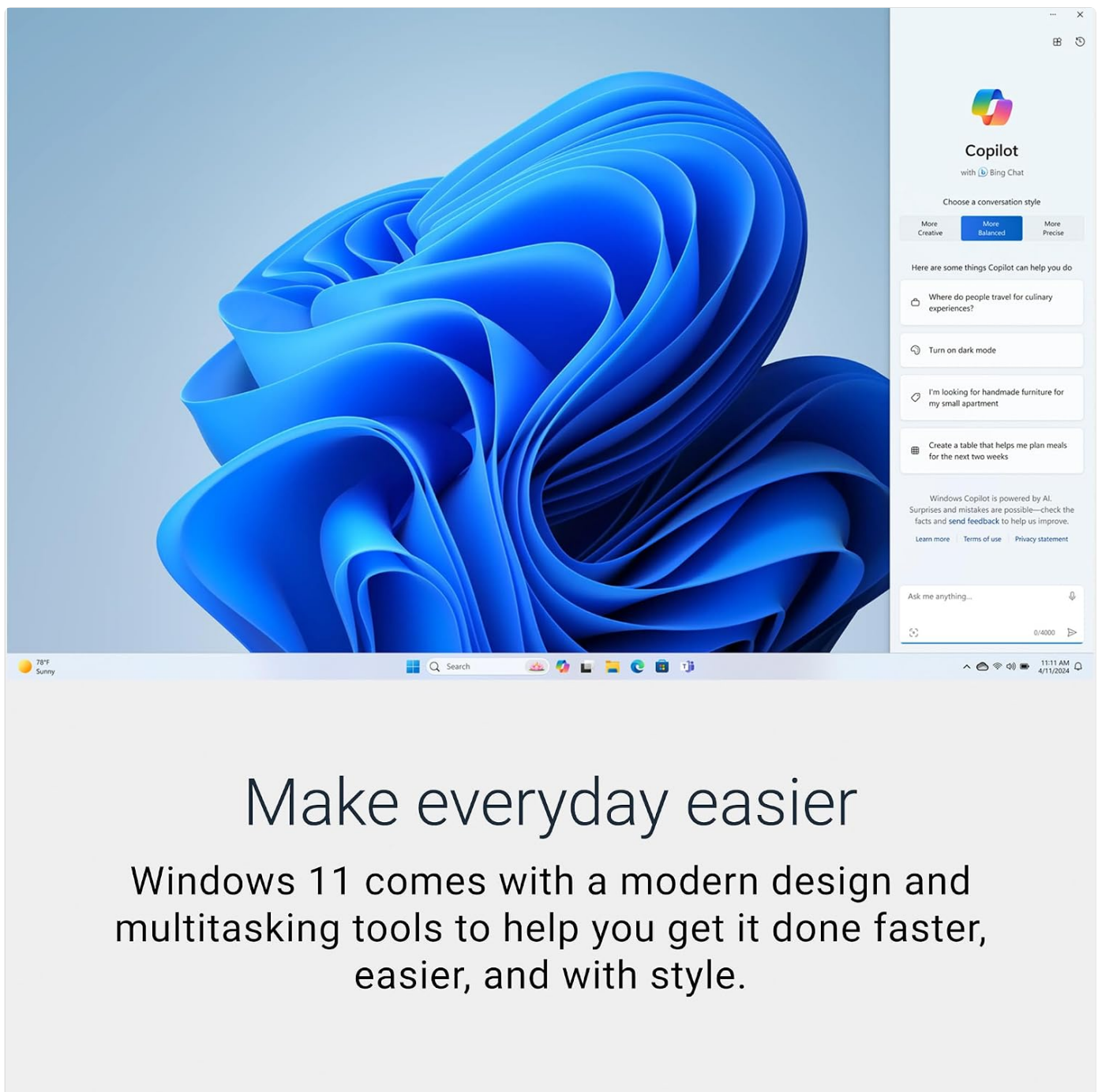


Figure 10: Dell Customer Support Contact Information.

- **Basic Support Toll-Free Numbers:** 1800-420-0088 / 1800-570-8045
- **Chat Support:** Visit www.dell.com/support
- **Carry-in Service Centers:** Find locations at www.dell.com/support/home/en-in/servicecenter
- **WhatsApp Support:** Message [+91 910-888-3355](https://wa.me/919108883355)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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