# Inspiron 14 Plus 7441

## Owner's Manual

Regulatory Model: P190G
Regulatory Type: P190G001
January 2025
Rev. A03

## Notes, cautions, and warnings

**NOTE:** A NOTE indicates important information that helps you make better use of your product.

**CAUTION: A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.**

**WARNING: A WARNING indicates a potential for property damage, personal injury, or death.**

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# 1

# Views of Inspiron 14 Plus 7441

## Front

**Figure 1. Front view**

1. **Microphones**

   Provides digital sound input for audio recording and voice calls.

2. **Infrared camera**

   Enhances security when paired with Windows Hello face authentication.

3. **Infrared camera-status light**

   Turns on when the camera is in use.

4. **Privacy shutter**

   Slide the privacy shutter to cover the camera lens and protect your privacy when the camera is not in use.

5. **Camera**

   Enables you to video chat, capture photos, and record videos.

6. **Camera-status light**

   Turns on when the camera is in use.

7. **Ambient-light sensor**

   The sensor detects the ambient light and automatically adjusts the keyboard backlight and display brightness.

# Top

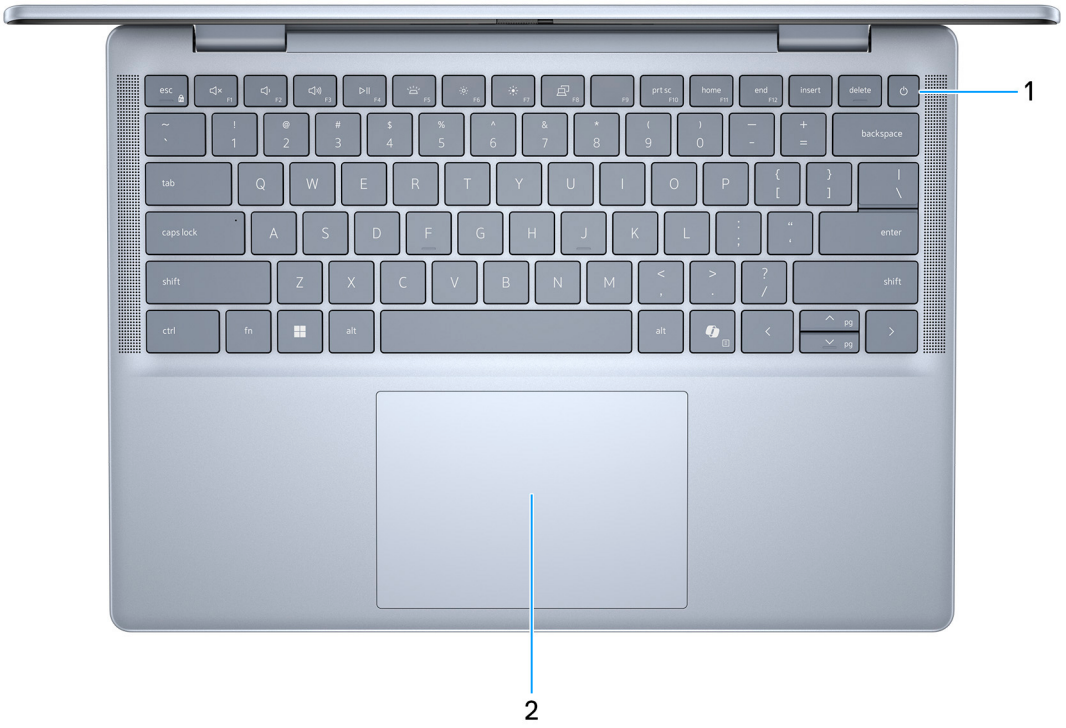


**Figure 2. Top view**

1. **Power button with optional fingerprint reader**

   Press to turn on the computer if it is turned off, in sleep state, or in hibernation state.

   When the computer is turned on, press the power button to put the computer into a sleep state; press and hold the power button for 10 seconds to force shut-down the computer.

   If the power button has a fingerprint reader, place your finger on the power button steadily to log in.

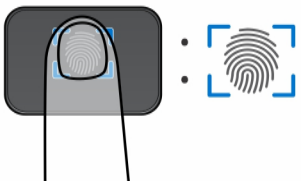

**Figure 3. Active area of the fingerprint reader**

**NOTE:** The highlighted area indicates the active fingerprint reader area, and the image is for illustrative purposes only.

**NOTE:** You can customize the power-button behavior in Windows. For more information, see Dell Support Site.

2. **Precision touchpad**

   Move your finger on the touchpad to move the mouse pointer. Tap to left-click and two fingers tap to right-click.

# Left

**Figure 4. Left view**

1. **USB4 40 Gbps USB Type-C port with DisplayPort and Power Delivery**

   Connect devices such as external storage devices, printers, and external displays. Supports Power Delivery that enables two-way power supply between devices. Supports DisplayPort 1.4a that enables you to connect to an external display using a display adapter. Provides data transfer rates of up to 40 Gbps.

   **NOTE:** You can connect a Dell docking station to one of the two USB Type-C ports. If your docking station has two cables, do not connect both cables to the two USB Type-C ports simultaneously. You may encounter issues with the charging circuits when this method of connection is used. For more information, search in the Knowledge Base Resource at the Dell Support site.

   **NOTE:** A 40 Gbps-certified cable is required to achieve the maximum performance of 40 Gbps.

   **NOTE:** A USB Type-C to DisplayPort adapter (sold separately) is required to connect to a DisplayPort device.

   **NOTE:** The USB4 Type-C port is backward compatible with USB 3.2 and USB 2.0.

2. **USB4 40 Gbps USB Type-C port with DisplayPort and Power Delivery**

   Connect devices such as external storage devices, printers, and external displays. Supports Power Delivery that enables two-way power supply between devices. Supports DisplayPort 1.4a that enables you to connect to an external display using a display adapter. Provides data transfer rates of up to 40 Gbps.

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   **NOTE:** A 40 Gbps-certified cable is required to achieve the maximum performance of 40 Gbps.

   **NOTE:** A USB Type-C to DisplayPort adapter (sold separately) is required to connect to a DisplayPort device.

   **NOTE:** The USB4 Type-C port is backward compatible with USB 3.2 and USB 2.0.

3. **microSD-card slot**

   Reads from and writes to the microSD card. The computer supports the following card types:

   - Micro Secure Digital (mSD)
   - Micro Secure Digital High Capacity (mSDHC)
   - Micro Secure Digital Extended Capacity (mSDXC)

# Right

**Figure 5. Right view**

1. **USB 3.2 Gen 1 (5 Gbps) port**

   Connect devices such as external storage devices and printers. Provides a data transfer rate of up to 5 Gbps.

2. **Global headset audio jack**

   Connect headphones or a headset (headphone and microphone combo).

# Bottom

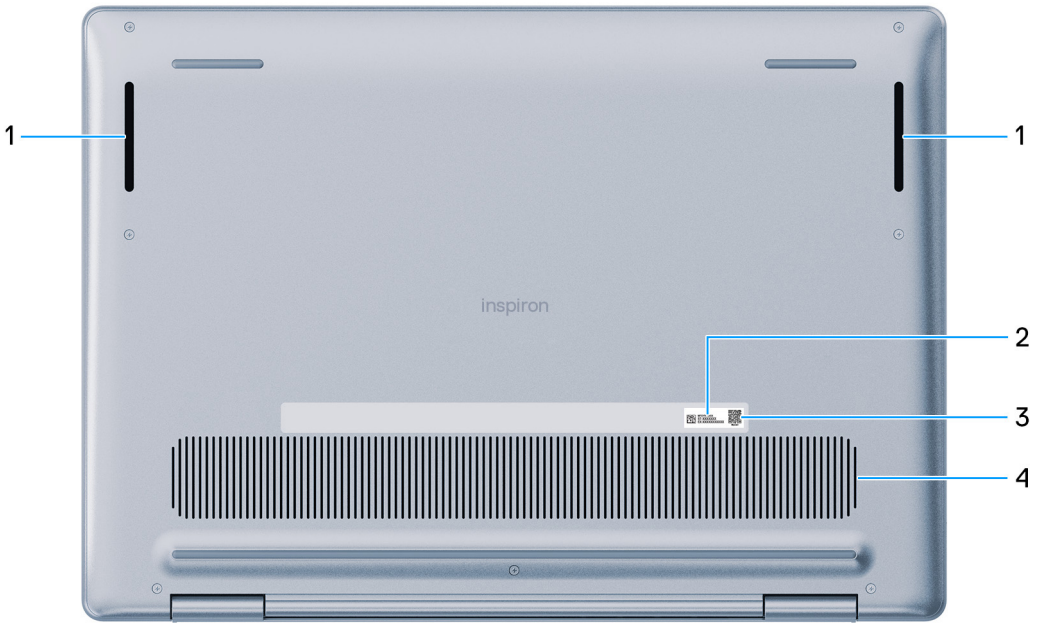


**Figure 6. Bottom view**

1. **Speakers**

   Provides audio output.

2. **Service Tag label**

   The Service Tag is a unique alphanumeric identifier that enables Dell service technicians to identify the hardware components in your computer and access warranty information.

3. **MyDell QR code**

   MyDell provides a consolidated application experience housing capability that helps you get the most out of your computer. Intelligent, AI-based optimization features automatically fine-tune your computer for the best audio, video, battery, and performance. Each MyDell user experience is unique as the software learns and responds to the way you use your computer.

4. **Air vents**

   Air vents provide ventilation for your computer. Clogged air vents can cause overheating and can affect your computer's performance and potentially cause hardware issues. Keep the air vents clear of obstructions and clean them regularly to prevent the build-up of dust and dirt. For more information about cleaning air vents, search for articles in the Knowledge Base Resource at Dell Support Site.

# Locate the Service Tag or Express Service Code label of your computer

The service tag is a unique alphanumeric identifier that allows Dell service technicians to identify the hardware components in your computer and access warranty information. The Express Service Code is a numeric version of the Service Tag.

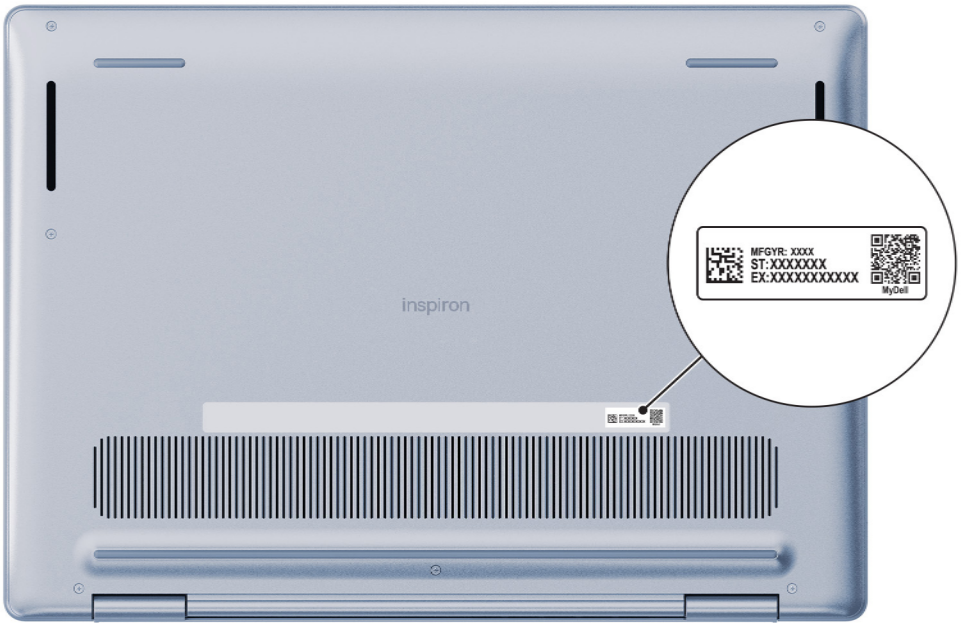


**Figure 7. Service Tag/Express Service Code location**

# Battery charge and status light

The following table lists the battery charge and status light behavior of your computer.

**Table 1. Battery charge and status light behavior**

| Power Source | LED Behavior | System Power State | Battery Charge Level |
|---|---|---|---|
| AC Adapter | Off | S0 - S5 | Fully Charged |
| AC Adapter | Solid White | S0 - S5 | < Fully Charged |
| Battery | Off | S0 - S5 | 11-100% |
| Battery | Solid Amber (590+/-3 nm) | S0 - S5 | <=10% |

- S0 (ON) - The computer is turned on.
- S4 (Hibernate) - The computer consumes the least power compared to all other sleep states. The computer is almost in an OFF state. The context data is written to a storage device so that you can resume everything from where you left, once the computer is turned on.
- S5 (OFF) - The computer is in a shutdown state.

# 2

# Set up your Inspiron 14 Plus 7441

### About this task

**NOTE:** The images in this document may differ from your computer depending on the configuration you ordered.

### Steps

1. Connect the power adapter and press the power button.

**Figure 8. Connect the power adapter and press the power button**

**NOTE:** The battery may go into power-saving mode during shipment to conserve charge on the battery. Ensure that the power adapter is connected to your computer when it is turned on for the first time.

2. Finish the operating system setup.

   **For Windows:**

   Follow the on-screen instructions to complete the setup. When setting up, Dell Technologies recommends that you:

   - Connect to a network for Windows updates.

     **NOTE:** If connecting to a secured wireless network, enter the password for the wireless network access when prompted.

   - If connected to the Internet, sign-in with an existing Microsoft account or create a new account. If not connected to the Internet, create an offline account.
   - On the **Support and Protection** screen, enter your contact details.

3. Locate and use Dell apps from the Windows Start menu—Recommended.

### Table 2. Locate Dell apps in Windows (S Mode)

| Resources | Description |
|---|---|
| | **Dell Product Registration**<br>Register your computer with Dell. |
| | **Dell Help & Support**<br>Access help and support for your computer. |
| | **SupportAssist**<br>SupportAssist proactively and predictively identifies hardware and software issues on your computer and automates the engagement process with Dell Technical support. It addresses performance and stabilization issues, prevents security threats, monitors, and detects hardware failures. For more information, see *SupportAssist for Home PCs User's Guide* at SupportAssist for Home PCs.<br>**NOTE:** In SupportAssist, click the warranty expiry date to renew or upgrade your warranty. |

### Table 3. Locate Dell apps in Windows

| Resources | Description |
|---|---|
| | **MyDell**<br>MyDell is a software application that offers you a single streamlined engagement platform including account access, device information, and hardware settings. This software delivers intelligent features that automatically fine-tune your computer for the best possible audio, power, and performance. Get the most out of your Dell device with intelligent, personalized technology from MyDell. The following options can be customized in MyDell:<br>• Application<br>• Audio<br>• Power<br>• Color and Display<br>• Presence detection<br>For more information about how to use MyDell, see product guides at Dell Support Site. |
| | **Dell Update**<br>Updates your computer with critical fixes and latest device drivers as they become available. For more information about using Dell Update, see the product guides and third-party license documents at Dell Support Site. |
| | **Dell Digital Delivery**<br>Download software applications, which are purchased but not preinstalled on your computer. For more information about using Dell Digital Delivery, search in the Knowledge Base Resource at Dell Support Site. |
| | **SupportAssist**<br>SupportAssist proactively and predictively identifies hardware and software issues on your computer and automates the engagement process with Dell Technical support. It addresses performance and stabilization issues, prevents security threats, monitors, and detects hardware failures. For more information, see *SupportAssist for Home PCs User's Guide* at SupportAssist for Home PCs.<br>**NOTE:** In SupportAssist, click the warranty expiry date to renew or upgrade your warranty. |

3

# Specifications of Inspiron 14 Plus 7441

## Dimensions and weight

The following table lists the height, width, depth, and weight of your Inspiron 14 Plus 7441.

### Table 4. Dimensions and weight

| Description | Values |
|---|---|
| Height: | |
| Front height | 14.69 mm (0.58 in.) |
| Rear height | 15.64 mm (0.62 in.) |
| Maximum height | 16.90 mm (0.67 in.) |
| Width | 314 mm (12.36 in.) |
| Depth | 223.75 mm (8.81 in.) |
| Weight<br>**NOTE:** The weight of your computer depends on the configuration that is ordered and manufacturing variability. | 1.46 kg (3.21 lb) |

## Processor

The following table lists the details of the processors that are supported for your Inspiron 14 Plus 7441.

### Table 5. Processor

| Description | Option one | Option two |
|---|---|---|
| Processor type | Qualcomm Snapdragon X Elite X1E-80-100 | Qualcomm Snapdragon X Plus X1P-64-100 |
| Processor wattage | 18 W | 18 W |
| Processor total core count | 12 | 10 |
| Performance-cores | 8 | 6 |
| Efficient-cores | 4 | 4 |
| Processor total thread count | 12 | 10 |
| Processor speed | Up to 4 GHz | Up to 3.4 GHz |
| Performance-cores frequency | | |
| Processor base frequency | 3.4 GHz | 3.4 GHz |
| Maximum turbo frequency | 3.4 GHz | 3.4 GHz |

### Table 5. Processor (continued)

| Description | | Option one | Option two |
|---|---|---|---|
| Efficient-cores frequency | | | |
| | Processor base frequency | 3.4 GHz | 3.4 GHz |
| | Maximum turbo frequency | 3.4 GHz | 3.4 GHz |
| Thermal Mode/Thermal Design Power (TDP) | | | |
| | Cool | 13 W | 13 W |
| | Optimized | 18 W | 18 W |
| | Quiet | 12 W | 12 W |
| | Ultra Performance | 21 W | 21 W |
| | | **NOTE:** Processor clock speeds and thermal design power differ according to the thermal mode selected in the MyDell app on your computer. | |
| Processor cache | | 42 MB | 42 MB |
| Neural Processing Unit (performance) | | Up to 45 TOPS | Up to 45 TOPS |
| Integrated graphics | | Qualcomm Adreno 740 | Qualcomm Adreno 740 |

# Chipset

The following table lists the details of the chipset that is supported in your Inspiron 14 Plus 7441.

### Table 6. Chipset

| Description | Values |
|---|---|
| Chipset | Integrated with the processor |
| Processor | Qualcomm Snapdragon X Elite X1E-80-100 |
| DRAM bus width | 128-bit |
| Flash EPROM | 64 MB |
| PCIe bus | Up to PCIe 4.0 |

# Operating system

Your Inspiron 14 Plus 7441 supports the following operating systems:

- Win 11 Home, ARM
- Win 11 Pro, ARM

# Memory

The following table lists the memory specifications of your Inspiron 14 Plus 7441.

### Table 7. Memory specifications

| Description | Values |
|---|---|
| Memory slots | Onboard |
| Memory type | LPDDR5x |
| Memory speed | 8448 MT/s |
| Maximum memory configuration | 32 GB |
| Minimum memory configuration | 16 GB |
| Memory configurations supported | • 16 GB: LPDDR5x, 8448 MT/s (onboard)<br>• 32 GB: LPDDR5x, 8448 MT/s (onboard) |

# External ports and slots

The following table lists the external ports and slots on your Inspiron 14 Plus 7441.

### Table 8. External ports and slots

| Description | Values |
|---|---|
| USB ports | • One USB 3.2 Gen 1 (5 Gbps) port<br>• Two USB4 40 Gbps USB Type-C port with DisplayPort and Power Delivery |
| Audio port | One headset (headphone and microphone combo) port |
| Video port(s) | Not applicable |
| Media-card reader | One microSD-card slot |
| Power-adapter port | Not applicable |
| Security-cable slot | Not applicable |

# Internal slots

The following table lists the internal slots of your Inspiron 14 Plus 7441.

### Table 9. Internal slots

| Description | Values |
|---|---|
| M.2 | One M.2 2230 slot for solid state drive<br>**NOTE:** To learn more about the features of different types of M.2 cards, search in the Knowledge Base Resource at Dell Support Site. |

# Wireless module

The following table lists the Wireless Local Area Network (WLAN) module that is supported on your Inspiron 14 Plus 7441.

### Table 10. Wireless module specifications

| Description | Values |
|---|---|
| Model number | Qualcomm FastConnect 7800 DBS (onboard) |
| Transfer rate | Up to 5760 Mbps |
| Frequency bands supported | 2.4 GHz/5 GHz/6 GHz |
| Wireless standards | • WiFi 802.11a/b/g<br>• Wi-Fi 4 (WiFi 802.11n)<br>• Wi-Fi 5 (WiFi 802.11ac)<br>• Wi-Fi 6E (WiFi 802.11ax)<br>• Wi-Fi 7 (WiFi 802.11be) |
| Encryption | • 64-bit/128-bit WEP<br>• AES-CCMP<br>• TKIP |
| Bluetooth wireless card | Bluetooth 5.4 |

# Audio

The following table lists the audio specifications of your Inspiron 14 Plus 7441.

### Table 11. Audio specifications

| Description | | Values |
|---|---|---|
| Audio controller | | Qualcomm WCD9385 |
| Stereo conversion | | Supported |
| Internal audio interface | | SoundWire |
| External audio interface | | Global headset audio jack |
| Number of speakers | | 4 |
| Internal-speaker amplifier | | Supported |
| External volume controls | | Keyboard shortcut controls |
| Speaker output: | | |
| | Average | • Woofer: 2 W x 2<br>• Tweeter: 2 W x 2 |
| | Peak | • Woofer: 3 W x 2<br>• Tweeter: 2.5 W x 2 |
| Microphone | | Dual-array microphones |

# Storage

This section lists the storage options on your Inspiron 14 Plus 7441.

Your computer supports only one M.2 2230 solid-state drive.

### Table 12. Storage specifications

| Storage type | Interface type | Capacity |
|---|---|---|
| One M.2 2230 solid state drive | PCIe NVMe 4x4 | Up to 1 TB |

# Media-card reader

The following table provides the specification of media cards supported by your Inspiron 14 Plus 7441.

### Table 13. Media-card reader specifications

| Description | Values |
|---|---|
| Media-card slot type | One microSD-card slot |
| Media-cards supported | • Micro Secure Digital (mSD)<br>• Micro Secure Digital High Capacity (mSDHC)<br>• Micro Secure Digital Extended Capacity (mSDXC) |
| **NOTE:** The maximum capacity that is supported by the media-card reader varies depending on the standard of the media card that is installed on your computer. | |

# Keyboard

The following table lists the keyboard specifications of your Inspiron 14 Plus 7441.

### Table 14. Keyboard specifications

| Description | Values |
|---|---|
| Keyboard type | Backlit keyboard with Copilot key |
| Keyboard layout | QWERTY |
| Number of keys | • Arabic, English International, English US, Canadian Bilingual, Hebrew: 79 keys<br>• Belgian, English UK, French European, German, Hungarian, Italian, Spanish, Swiss European: 80 keys<br>• Japanese: 83 keys<br>• Brazilian: 81 keys |
| Keyboard size | X=19.05 mm key pitch<br>Y=18.05 mm key pitch |
| Keyboard shortcuts | Some keys on your keyboard have two symbols on them. These keys can be used to type alternate characters or to perform secondary functions. To type the alternate character, press Shift and the desired key. To perform secondary functions, press Fn and the desired key.<br>**NOTE:** You can define the primary behavior of the function keys (F1–F12) changing **Fn Lock Options** in |

### Table 14. Keyboard specifications (continued)

| Description | Values |
|---|---|
| | BIOS setup program. For more information, see Keyboard function keys.<br>**NOTE:**<br>If Copilot in Windows is not available on your computer, the Copilot key launches Recall. If both Recall and Copilot in Windows are not available on your computer, the Copilot key launches Windows Search. For more information about Copilot in Windows and Recall, search in the Knowledge Base Resource at the Dell Support Site. |

# Keyboard function keys

**NOTE:** Keyboard characters may differ depending on the keyboard language configuration. Keys that are used for shortcuts remain the same across all language configurations.

Some keys on your keyboard have two symbols on them. These keys can be used to type alternate characters or to perform secondary functions. The symbol that is shown on the lower part of the key refers to the character that is typed out when the key is pressed. If you press shift and the key, the symbol that is shown on the upper part of the key is typed out. For example, if you press 2, **2** is typed out; if you press Shift + 2, **@** is typed out.

The keys F1-F12 at the top row of the keyboard are function keys for multimedia control, as indicated by the icon on the key. Press the function key to invoke the task represented by the icon. For example, pressing F1 mutes the audio (see the table below).

However, if the function keys F1-F12 are needed for specific software applications, multimedia functionality can be disabled by pressing Fn + Esc. Later, multimedia control can be invoked by pressing fn and the respective function key. For example, mute audio by pressing fn + F1.

### Table 15. Primary behavior of function keys

| Function key | Primary behavior |
|---|---|
| F1 | Mute/unmute audio |
| F2 | Decrease audio volume |
| F3 | Increase audio volume |
| F4 | Play or pause media file |
| F5 | Turn on or turn off keyboard backlight |
| F6 | Decrease display brightness |
| F7 | Increase display brightness |
| F8 | Switch to an external display |
| F10 | Print screen (screen capture) |
| F11 | Move cursor to the beginning of the line |
| F12 | Move cursor to the end of the line |
| Copilot | Launch Copilot in Windows<br>**NOTE:**<br>If Copilot in Windows is not available on your computer, the Copilot key launches Recall. If both Recall and Copilot in Windows are not available on your computer, the Copilot key launches Windows Search. |

### Table 15. Primary behavior of function keys (continued)

| Function key | Primary behavior |
|---|---|
| | For more information about Copilot in Windows and Recall, search in the Knowledge Base Resource at the Dell Support Site. |

The **fn** key is also used with selected keys on the keyboard to invoke other secondary functions.

### Table 16. Secondary behavior

| Function key | Secondary behavior |
|---|---|
| fn + F1 | Operating system and application-specific F1 behavior |
| fn + F2 | Operating system and application-specific F2 behavior |
| fn + F3 | Operating system and application-specific F3 behavior |
| fn + F4 | Operating system and application-specific F4 behavior |
| fn + F5 | Operating system and application-specific F5 behavior |
| fn + F6 | Operating system and application-specific F6 behavior |
| fn + F8 | Operating system and application-specific F8 behavior |
| fn + F9 | Operating system and application-specific F9 behavior |
| fn + F10 | Operating system and application-specific F10 behavior |
| fn + F11 | Operating system and application-specific F11 behavior |
| fn + F12 | Operating system and application-specific F12 behavior |
| fn + B | Pause or Break |
| fn + S | Toggle scroll lock |
| fn + R | System request |
| fn + Copilot | Open the application menu |
| fn + Esc | Toggles the function key on and off |
| fn + PgUp | Scroll up the document or page |
| fn + PgDn | Scroll down the document or page |
| fn + left arrow | Home (move to the beginning of the document) |
| fn + right arrow | End (move to the end of the document) |

# Camera

The following table lists the camera specifications of your Inspiron 14 Plus 7441.

### Table 17. Camera specifications

| Description | Values |
|---|---|
| Number of cameras | One |
| Camera type | FHD Infrared camera with Ambient Light Sensor (ALS) |
| Camera location | Front |
| Camera sensor type | CMOS sensor technology |
| Camera resolution: | |

### Table 17. Camera specifications (continued)

| Description | | Values |
|---|---|---|
| | Still image | 2.07 megapixel |
| | Video | 1920 x 1080 (FHD) at 30 fps |
| Infrared camera resolution: | | |
| | Still image | 0.92 megapixel |
| | Video | 1280 x 720 (HD) at 30 fps |
| Diagonal viewing angle: | | |
| | Camera | 80.2 degrees |
| | Infrared camera | 86.6 degrees |

# Touchpad

The following table lists the touchpad specifications of your Inspiron 14 Plus 7441.

### Table 18. Touchpad specifications

| Description | | Values |
|---|---|---|
| Touchpad resolution: | | >300 DPI |
| Touchpad dimensions: | | |
| | Horizontal | 115 mm (4.53 in. |
| | Vertical | 80 mm (3.15 in.) |
| Touchpad gestures | | For more information about the touchpad gestures available on Windows, see the Microsoft Knowledge Base article at Microsoft Support Site. |

# Power adapter

The following table lists the power adapter specifications of your Inspiron 14 Plus 7441.

### Table 19. Power-adapter specifications

| Description | | Values |
|---|---|---|
| Type | | 65 W |
| Power-adapter dimensions: | | |
| | Height | 28 mm (1.10 in.) |
| | Width | 51 mm (2.01 in.) |
| | Depth | 112 mm (4.41 in.) |
| Input voltage | | 100 VAC–240 VAC |
| Input frequency | | 50 Hz–60 Hz |

### Table 19. Power-adapter specifications (continued)

| Description | | Values |
|---|---|---|
| Input current (maximum) | | 1.70 A |
| Output current (continuous) | | • 20 V/3.25 A<br>• 15 V/3 A<br>• 9 V/3 A<br>• 5 V/3 A |
| Rated output voltage | | • 20 VDC<br>• 15 VDC<br>• 9 VDC<br>• 5 VDC |
| Temperature range: | | |
| | Operating | 0°C to 40°C (32°F to 104°F) |
| | Storage | -40°C to 70°C (-40°F to 158°F) |
| **CAUTION: Operating and storage temperature ranges may differ among components, so operating or storing the device outside these ranges may impact the performance of specific components.** | | |

# Battery

The following table lists the battery specifications of your Inspiron 14 Plus 7441.

### Table 20. Battery specifications

| Description | | Option one | Option two |
|---|---|---|---|
| Battery type | | 3-cell, 54 Wh, lithium-ion, ExpressCharge + ExpressCharge Boost | 3-cell, 54 Wh, lithium-ion, Long Cycle Life + ExpressCharge |
| Battery voltage | | 11.4 VDC | 11.4 VDC |
| Battery weight (maximum) | | 0.22 kg (0.49 lb) | 0.22 kg (0.49 lb) |
| Battery dimensions: | | | |
| | Height | 5.73 mm (0.23 in.) | 5.73 mm (0.23 in.) |
| | Width | 263 mm (10.35 in.) | 263 mm (10.35 in.) |
| | Depth | 68.90 mm (2.71 in.) | 68.90 mm (2.71 in.) |
| Temperature range: | | | |
| | Operating | • Charge: 0°C to 45°C (32°F to 113°F)<br>• Discharge:0°C to 70°C (32°F to 158°F) | • Charge: 0°C to 45°C (32°F to 113°F)<br>• Discharge:0°C to 70°C (32°F to 158°F) |
| | Storage | -20°C to 65°C (4°F to 149°F) | -20°C to 65°C (4°F to 149°F) |
| Battery operating time | | Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions. | Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions. |

### Table 20. Battery specifications (continued)

| Description | Option one | Option two |
|---|---|---|
| Battery charging time (approximate) | • 3 hours (Standard charge)<br>• 2 hours (ExpressCharge)<br>• From 0% up to 35% in 20 minutes (ExpressCharge Boost) | • 3 hours (Standard charge)<br>• 2 hours (ExpressCharge) |
| Coin-cell battery | CR2032 | CR2032 |

**CAUTION: Operating and storage temperature ranges may differ among components, so operating or storing the device outside these ranges may impact the performance of specific components.**

**CAUTION: Dell Technologies recommends that you charge the battery regularly for optimal power consumption.**

# Display

The following table lists the display specifications of your Inspiron 14 Plus 7441.

### Table 21. Display specifications

| Description | | Values |
|---|---|---|
| Display type | | 14", Quad High Definition Plus (QHD+), ComfortView Plus |
| Touch options | | Yes |
| Display-panel technology | | Wide Viewing Angle (WVA) |
| Display-panel dimensions (active area): | | |
| | Height | 188.49 mm (7.42 in.) |
| | Width | 301.59 mm (11.87 in.) |
| | Diagonal | 355.65 mm (14 in.) |
| Display-panel native resolution | | 2560 x 1600 |
| Luminance (typical) | | 400 nits |
| Megapixels | | 4.1 |
| Color gamut | | 100% (sRGB) |
| Pixels Per Inch (PPI) | | 215.63 |
| Contrast ratio (minimum) | | 1000:1 |
| Response time (maximum) | | 35 millisecond |
| Refresh rate | | 60/48 Hz |
| Horizontal view angle | | 85 +/- degrees |
| Vertical view angle | | 85+/- degrees |
| Pixel pitch | | 0.1178 mm |

### Table 21. Display specifications (continued)

| Description | Values |
|---|---|
| Power consumption (maximum) | 3.75 W |
| Anti-glare vs glossy finish | Anti-glare |

# Fingerprint reader (optional)

The following table lists the specifications of the optional fingerprint-reader of your Inspiron 14 Plus 7441.

### Table 22. Fingerprint reader specifications

| Description | Values |
|---|---|
| Sensor technology | Capacitive |
| Sensor resolution | 500 ppi |
| Sensor pixel size | 108 x 88 |

# GPU—Integrated

The following table lists the specifications of the integrated Graphics Processing Unit (GPU) supported by your Inspiron 14 Plus 7441.

### Table 23. GPU—Integrated

| Controller | Memory size | Processor |
|---|---|---|
| Qualcomm Adreno 740 | Shared system memory | Qualcomm Snapdragon X Elite X1E-80-100/X Plus X1P-64-100 |

# External display support

The following table lists the external display support for your Inspiron 14 Plus 7441.

### Table 24. External display support

| Graphics card | Supported external displays with laptop display enabled | Supported external displays with laptop display disabled |
|---|---|---|
| Qualcomm Adreno 740 (iGPU only) | 3 | 3 |

# Operating and storage environment

This table lists the operating and storage specifications of your Inspiron 14 Plus 7441.

**Airborne contaminant level:** G1 as defined by ISA-S71.04-1985

### Table 25. Computer environment

| Description | Operating | Storage |
|---|---|---|
| Temperature range | 0 °C–35°C (32 °F–95°F) | -30°C to 65°C (-22°F to 149°F) |
| Relative humidity (maximum) | 10% to 90% (non-condensing) | 0% to 95% (non-condensing) |

### Table 25. Computer environment (continued)

| Description | Operating | Storage |
|---|---|---|
| Vibration (maximum)* | 0.66 GRMS | 1.30 GRMS |
| Shock (maximum) | 110 G† | 160 G† |
| Altitude range | -15.2 m to 3048 m (-49.87 ft to 10,000 ft) | -15.2 m to 10,668 m (-49.87 ft to 35,000 ft) |
| **CAUTION: Operating and storage temperature ranges may differ among components, so operating or storing the device outside these ranges may impact the performance of specific components.** | | |

* Measured using a random vibration spectrum that simulates the user environment.

† Measured using a 2 ms half-sine pulse.

# Dell support policy

For information about Dell support policy, search in the Knowledge Base Resource at Dell Support Site.

# ComfortView Plus

**WARNING: Prolonged exposure to blue light from the display may lead to long-term effects such as eye strain, eye fatigue, or damage to the eyes.**

Blue light is a color in the light spectrum which has a short wavelength and high energy. Chronic exposure to blue light, particularly from digital sources may disrupt sleep patterns and cause long-term effects such as eye strain, eye fatigue, or damage to the eyes.

The display on this computer is designed to minimize blue light and complies with TÜV Rheinland's requirement for low blue light displays.

Low blue light mode is enabled at the factory, so no further configuration is necessary.

To reduce the risk of eye strain, it is also recommended that you:

- Position the display at a comfortable viewing distance between 20 and 28 inches (50 cm and 70 cm) from your eyes.
- Blink frequently to moisten your eyes, wet your eyes with water, or apply suitable eye drops.
- Take an extended break for 20 minutes every two hours.
- Look away from your display, and gaze at a distant object at 20 ft (609.60 cm) away for at least 20 seconds during each break.