DELLTechnologies

Inspiron 14 7425 2-in-1

Setup and Specifications

DELLTechnologies

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.

Contents

Set up your Inspiron 14 7425 2-in-1

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

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

ⓘ **NOTE:** To conserve battery power, the battery might enter power-saving mode. Connect the power adapter and press the power button to turn on the computer.

2. Finish Windows setup.

   Follow the on-screen instructions to complete the setup. When setting up, Dell 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 or create a Microsoft 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 1. Locate Dell apps in Windows in S-mode

Resources	Description
	Dell Product Registration Register your computer with Dell.

Table 1. Locate Dell apps in Windows in S-mode (continued)

Resources	Description
	Dell Help & Support Access help and support for your computer.
	SupportAssist 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 www.dell.com/serviceabilitytools. Click **SupportAssist** and then, click **SupportAssist for Home PCs**. ⓘ **NOTE:** In SupportAssist, click the warranty expiry date to renew or upgrade your warranty.

Table 2. Locate Dell apps in Windows

Resources	Description
	My Dell Centralized location for key Dell applications, help articles, and other important information about your computer. It also notifies you about the warranty status, recommended accessories, and software updates if available.
	Dell Update Updates your computer with critical fixes and latest device drivers as they become available. For more information on using Dell Update, search in the Knowledge Base Resource at www.dell.com/support.
	Dell Digital Delivery Download software applications, which are purchased but not preinstalled on your computer. For more information on using Dell Digital Delivery, search in the Knowledge Base Resource at www.dell.com/support.
	SupportAssist 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 www.dell.com/serviceabilitytools. Click **SupportAssist** and then, click **SupportAssist for Home PCs**. ⓘ **NOTE:** In SupportAssist, click the warranty expiry date to renew or upgrade your warranty.

Views of Inspiron 14 7425 2-in-1

Right

1. **SD-card slot**

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

   - Secure Digital (SD)
   - Secure Digital High Capacity (SDHC)
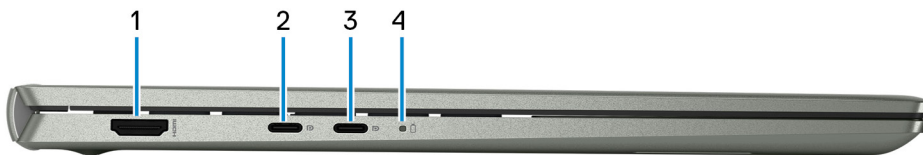   - Secure Digital Extended Capacity (SDXC)

2. **USB 3.2 Gen 1 port**

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

3. **Global headset jack**

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

Left

1. **HDMI port**

   Connect to a TV, external display or another HDMI-in enabled device. Provides video and audio output.

2. **USB 3.2 Gen 2 Type-C port with DisplayPort 1.4 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. Provides up to 15 W power output that enables faster charging.

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

3. **USB 3.2 Gen 2 Type-C port with DisplayPort 1.4 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. Provides up to 15 W power output that enables faster charging.

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

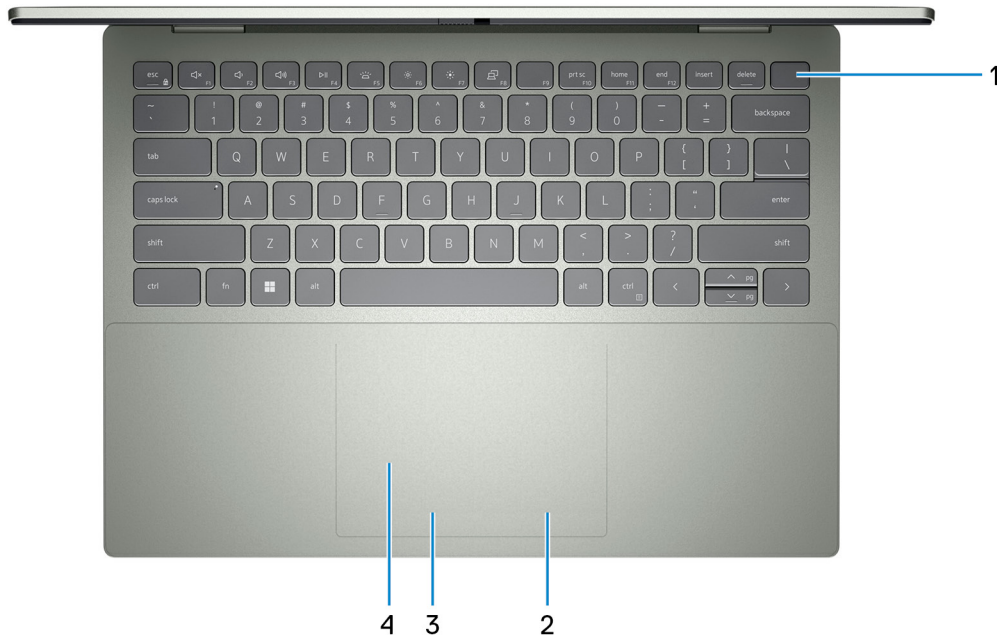4. **Power and battery-status light**

   Indicates the power state and battery state of the computer.

   Solid white—Power adapter is connected and the battery is charging.

Solid amber—Battery charge is low or critical.

Off—Battery is fully charged.

Top

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

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

   When the computer is turned on, press the power button to put the computer into 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 to log in.
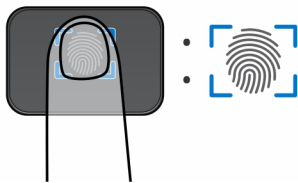
   (i) **NOTE:** The highlighted area indicates the actual active fingerprint reader area and the image is for illustration purposes only.

   (i) **NOTE:** You can customize power-button behavior in Windows. For more information, see *Me and My Dell* at www.dell.com/support/manuals.

   (i) **NOTE:** The power-status light on the power button is available only on computers without the fingerprint reader. Computers that are shipped with the fingerprint reader that is integrated on the power button will not have the power-status light on the power button.

2. **Right-click area**

   Press to right-click.

3. **Left-click area**

   Press to left-click.

4. **Touchpad**

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

Front

1. **Left microphone**

   Provides digital sound input for audio recording and voice calls.

2. **Privacy shutter**

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

3. **Camera**

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

4. **Camera-status light**

   Turns on when the camera is in use.

5. **Right microphone**

   Provides digital sound input for audio recording and voice calls.

Bottom
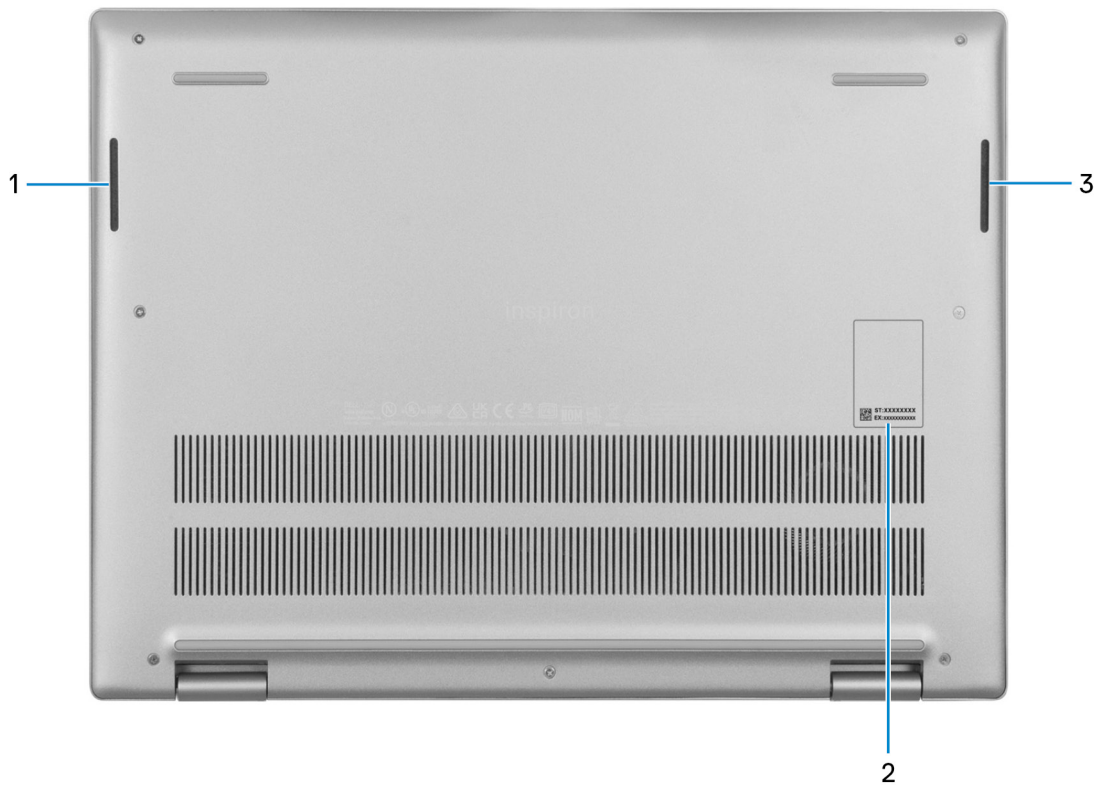
1. **Left speaker**

   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. **Right speaker**

   Provides audio output.

Modes

Notebook

Tablet

Stand

Tent

Using the privacy shutter

1. Slide the privacy shutter to the left to access the camera lens.
2. Slide the privacy shutter to the right to cover the camera lens.
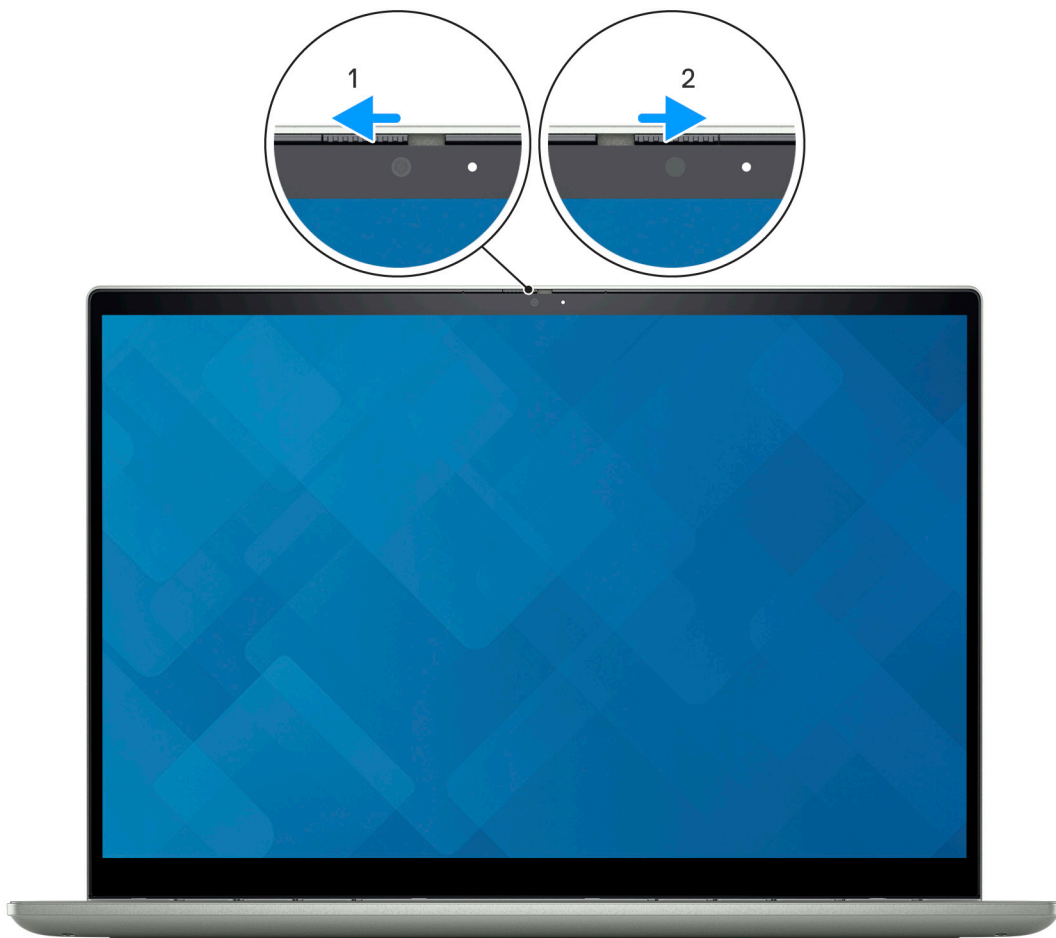
Specifications of Inspiron 14 7425 2-in-1

Dimensions and weight

The following table lists the height, width, depth, and weight of your Inspiron 14 7425 2-in-1.

Table 3. Dimensions and weight

Description	Values
Height:	
Front height	15.70 mm (0.61 in.)
Rear height	17.86 mm (0.70 in.)
Width	314 mm (12.36 in.)
Depth	227.50 mm (8.95 in.)
Weight ⓘ **NOTE:** The weight of your computer depends on the configuration ordered and manufacturing variability.	1.73 kg (3.81 lb)

Processor

The following table lists the details of the processors supported by your Inspiron 14 7425 2-in-1.

Table 4. Processor

Description	Option one	Option two
Processor type	AMD Ryzen 5 5625U	AMD Ryzen 7 5825U
Processor wattage	25 W	25 W
Processor core count	6	8
Processor thread count	12	16
Processor speed	Up to 4.30 GHz	Up to 4.50 GHz
Processor cache	16 MB	16 MB
Integrated graphics	AMD Radeon Graphics	AMD Radeon Graphics

Chipset

The following table lists the details of the chipset supported by your Inspiron 14 7425 2-in-1.

Table 5. Chipset

Description	Values
Chipset	Integrated in the processor
Processor	AMD Ryzen 5/7
DRAM bus width	128-bit
Flash EPROM	16 MB
PCIe bus	Up to Gen3

Operating system

Your Inspiron 14 7425 2-in-1 supports the following operating systems:

- Windows 11 Home
- Windows 11 Pro
- Windows 11 Home in S-mode

Memory

The following table lists the memory specifications of your Inspiron 14 7425 2-in-1.

Table 6. Memory specifications

Description	Values
Memory slots	Two-SODIMM slots
Memory type	DDR4
Memory speed	3200 MHz
Maximum memory configuration	32 GB
Minimum memory configuration	4 GB
Memory size per slot	4 GB, 8 GB, 12 GB, 16 GB, and 32 GB
Memory configurations supported	4 GB, 1 x 4 GB, DDR4, 3200 MHz 8 GB, 2 x 4 GB, DDR4, 3200 MHz, dual-channel 8 GB, 1 x 8 GB, DDR4, 3200 MHz 12 GB, 1 x 4 GB + 1 x 8 GB, DDR4, 3200 MHz 16 GB, 2 x 8 GB, DDR4, 3200 MHz, dual-channel 16 GB, 1 x 16 GB, DDR4, 3200 MHz 32 GB, 2 x 16 GB, DDR4, 3200 MHz, dual-channel

External ports

The following table lists the external ports on your Inspiron 14 7425 2-in-1.

Table 7. External ports

Description	Values
USB ports	- Two USB 3.2 Gen 2 Type-C port with DisplayPort 1.4 and PowerDelivery - One USB 3.2 Gen 1 port
Audio port	One global headset jack
Video port/ports	One HDMI 1.4 port
Media-card reader	One SD-card slot
Power-adapter port	Type-C adapter
Security-cable slot	Not supported

Internal slots

The following table lists the internal slots of your Inspiron 14 7425 2-in-1.

Table 8. Internal slots

Description	Values
M.2	- One M.2 2230 slot for WiFi and Bluetooth combo card - One M.2 2230/2280 slot for solid-state drive **NOTE:** To learn more about the features of different types of M.2 cards, search in the Knowledge Base Resource at www.dell.com/support.

Wireless module

The following table lists the Wireless Local Area Network (WLAN) modules supported on your Inspiron 14 7425 2-in-1.

Table 9. Wireless module specifications

Description	Option one	Option two
Model number	MT7921	WCN6856-DBS
Transfer rate	Up to 1200 Mbps	Up to 3571 Mbps
Frequency bands supported	2.4 GHz/5 GHz	2.4 GHz/5 GHz/6 GHz
Wireless standards	- WiFi 802.11a/b/g - Wi-Fi 4 (WiFi 802.11n) - Wi-Fi 5 (WiFi 802.11ac) - Wi-Fi 6 (WiFi 802.11ax)	- WiFi 802.11a/b/g - Wi-Fi 4 (WiFi 802.11n) - Wi-Fi 5 (WiFi 802.11ac) - Wi-Fi 6E (WiFi 802.11ax)
Encryption	64-bit/128-bit WEP - AES-CCMP	64-bit/128-bit WEP - AES-CCMP

Table 9. Wireless module specifications (continued)

Description	Option one	Option two
	● TKIP	● TKIP
Bluetooth	Bluetooth 5.2	Bluetooth 5.2

Audio

The following table lists the audio specifications of your Inspiron 14 7425 2-in-1.

Table 10. Audio specifications

Description		Values
Audio controller		Realtek ALC3254-CG
Stereo conversion		Supported
Internal audio interface		High-definition audio
External audio interface		Universal audio jack
Number of speakers		Two
Internal-speaker amplifier		Supported
External volume controls		Keyboard shortcut controls
Speaker output:		
	Average speaker output	2 W
	Peak speaker output	4 W
Subwoofer output		Not supported
Microphone		Dual-array microphones

Storage

This section lists the storage options on your Inspiron 14 7425 2-in-1.

Your Inspiron 7425 2-in-1 supports one M.2 2230/2280 solid-state drive.

Table 11. Storage specifications

Storage type	Interface type	Capacity
One M.2 2230 solid-state drive	PCIe Gen3 x4 NVMe, up to 32 Gbps	Up to 1 TB
One M.2 2230 solid-state drive	PCIe Gen4 x4 NVMe, up to 32 Gbps	Up to 1 TB
One M.2 2280 solid-state drive	PCIe Gen3 x4 NVMe, up to 32 Gbps	Up to 1 TB
One M.2 2280 solid-state drive	PCIe Gen4 x4 NVMe, up to 32 Gbps	Up to 2 TB

Media-card reader

The following table lists the media cards supported by your Inspiron 14 7425 2-in-1.

Table 12. Media-card reader specifications

Description	Values
Media-card type	One SD-card slot
Media-cards supported	- Secure Digital (SD) - Secure Digital High Capacity (SDHC) - Secure Digital Extended Capacity (SDXC)
ⓘ **NOTE:** The maximum capacity supported by the media-card reader varies depending on the standard of the media card installed in your computer.	

Keyboard

The following table lists the keyboard specifications of your Inspiron 14 7425 2-in-1.

Table 13. Keyboard specifications

Description	Values
Keyboard type	Backlit keyboard
Keyboard layout	QWERTY
Number of keys	- United States and Canada: 79 keys - United Kingdom: 80 keys - Japan: 83 keys
Keyboard size	X=19.05 mm key pitch 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. ⓘ **NOTE:** You can define the primary behavior of the function keys (F1–F12) changing **Function Key Behavior** in BIOS setup program. For more information, see Keyboard shortcuts.

Camera

The following table lists the camera specifications of your Inspiron 14 7425 2-in-1.

Table 14. Camera specifications

Description	Values
Number of cameras	One
Camera type	FHD camera

Table 14. Camera specifications (continued)

Description		Values
Camera location		Front camera
Camera sensor type		CMOS sensor technology
Camera resolution:		
	Still image	2.07 megapixel
	Video	1920 x 1080 (FHD) at 30 fps
Diagonal viewing angle:		86.3 degrees

Touchpad

The following table lists the touchpad specifications of your Inspiron 14 7425 2-in-1.

Table 15. Touchpad specifications

Description		Values
Touchpad resolution:		
	Horizontal	1229
	Vertical	749
Touchpad dimensions:		
	Horizontal	115 mm (4.53 in.)
	Vertical	80 mm (3.14 in.)
Touchpad gestures		For more information about touchpad gestures available on Windows, see the Microsoft knowledge base article at support.microsoft.com.

Power adapter

The following table lists the power adapter specifications of your Inspiron 14 7425 2-in-1.

Table 16. Power adapter specifications

Description		Values
Type		USB Type-C 65 W
Power-adapter dimensions:		
	Height	28 mm (1.10 in.)
	Width	51 mm (2 in.)
	Depth	112 mm (4.40 in.)
Input voltage		100 VAC–240 VAC
Input frequency		50 Hz–60 Hz

Table 16. Power adapter specifications (continued)

Description	Values
Input current (maximum)	1.60 A/1.70 A
Output current (continuous)	3.25 A/3 A/3 A/3 A
Rated output voltage	20 VDC/15 VDC/9 VDC/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 7425 2-in-1.

Table 17. Battery specifications

Description	Values
Battery type	54 Wh, 4-cell polymer
Battery voltage	15 VDC
Battery weight (maximum)	0.23 kg (0.51 lb)
Battery dimensions:	

	Height	5.75 mm (0.23 in.)
	Width	272 mm (10.71 in.)
	Depth	82 mm (3.23 in.)

Temperature range:		
	Operating	0°C to 45°C (32°F to 113°F)
	Storage	-20°C to 60°C (-4°F to 140°F)

Description	Values
Battery operating time	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.
Battery charging time (approximate) ⓘ **NOTE:** Control the charging time, duration, start and end time, and so on using the Dell Power Manager application. For more information on the Dell Power Manager see, *Me and My Dell* on www.dell.com.	4 hours (when the computer is off)
Coin-cell battery	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.**

Table 17. Battery specifications (continued)

Description	Values
⚠️ **CAUTION: Dell recommends that you charge the battery regularly for optimal power consumption. If your battery charge is completely depleted, connect the power adapter, turn on your computer, and then restart your computer to reduce the power consumption.**	

Display

The following table lists the display specifications of your Inspiron 14 7425 2-in-1.

Table 18. Display specifications

Description		Values
Display type		Full High Definition Plus (FHD+)
Touch options		Yes
Display-panel technology		Wide Viewing Angle (WVA)
Display-panel dimensions (active area):		
	Height	301.59 mm (11.87 in.)
	Width	188.50 mm (7.42 in.)
	Diagonal	355.65 mm (14 in.)
Display-panel native resolution		1920 x 1200
Luminance (typical)		250 nits
Megapixels		2.30
Color gamut		NTSC (45% typical)
Pixels Per Inch (PPI)		162
Contrast ratio (min)		600:1
Response time (max)		35 ms
Refresh rate		60 Hz
Horizontal view angle		85 degrees
Vertical view angle		85 degrees
Pixel pitch		0.157 mm
Power consumption (maximum)		3.53 W
Anti-glare vs glossy finish		Glossy

GPU—Integrated

The following table lists the specifications of the integrated Graphics Processing Unit (GPU) supported by your Inspiron 14 7425 2-in-1.

Table 19. GPU—Integrated

Controller	Memory size	Processor
AMD Radeon Graphics	Shared system memory	AMD Ryzen 5/AMD Ryzen 7

Operating and storage environment

This table lists the operating and storage specifications of your Inspiron 14 7425 2-in-1.

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

Table 20. Computer environment

Description	Operating	Storage
Temperature range	0°C to 45°C (32°F to 115°F)	-20°C to 60°C (-4°F to 140°F)
Relative humidity (maximum)	10% to 90% (non-condensing)	0% to 95% (non-condensing)
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 10000 ft)	-15.2 m to 10668 m (-49.87 ft to 35000 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 user environment.

† Measured using a 2 ms half-sine pulse.

ComfortView

⚠️ **CAUTION: Prolonged 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.**

Blue light is a color in the white light spectrum which has a short wavelength and high frequency. Chronic exposure to blue light, particularly from digital sources, may disrupt sleep patterns and change our body's Circadian rhythm. Using the computer for an extended period may also cause fatigue in other body parts such as the neck, arm, back, and shoulder.

Dell low blue light displays optimize eye comfort with a flicker-free screen. The ComfortView feature reduces the amount of blue light emitted from the monitor to optimize eye comfort. ComfortView mode can be enabled and configured using the **Dell CinemaColor** (DCC) application. Dell ComfortView is certified by TÜV.

Dell CinemaColor

Dell CinemaColor (DCC) combines the hardware and software to deliver clear visuals that appear every bit as vibrant as the world around you. The DCC has four color profiles that optimize these settings depending on the content and your surroundings.

When you open DCC, you can choose **Movie (default)**, **ComfortView**, **Sports**, or **Animation** from the list. The ComfortView Profile optimizes eye comfort with a Low Blue Light software solution that meets TÜV standards to reduce harmful blue light emissions to make extended screen time easy on your eyes compared to standard digital panels while still retaining the vibrant colors.

ComfortView mode is certified by TÜV for the effective reduction of hazardous blue light by adjusting display parameters. You can adjust the Saturation, Temperature, and Contrast values to create your custom setting in the ComfortView mode.

ⓘ **NOTE:** For more information on DellCinema components see KB article 000178241.

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 and 70 cm) from your eyes.
● Blink frequently to moisten your eyes, wet your eyes with water, or apply suitable eye drops.
● 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.
● Take an extended break for 20 minutes every two hours.

Keyboard shortcuts

(i) **NOTE:** Keyboard characters may differ depending on the keyboard language configuration. Keys 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 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 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 multi-media control, as indicated by the icon at the bottom of the key. Press the function key to invoke the task represented by the icon. For example, pressing F1 mutes the audio (refer to the table below).

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

(i) **NOTE:** You can also define the primary behavior of the function keys (F1–F12) by changing **Function Key Behavior** in BIOS setup program.

Table 21. List of keyboard shortcuts

Function key	Re-defined key (for multi-media control)	Behavior
F1	fn + F1	Mute audio
F2	fn + F2	Decrease volume
F3	fn + F3	Increase volume
F4	fn + F4	Play/Pause
F5	fn + F5	Toggle keyboard backlight (optional)
F6	fn + F6	Decrease brightness
F7	fn + F7	Increase brightness
F8	fn + F8	Switch to external display
F10	fn + F10	Print screen
F11	fn + F11	Home
F12	fn + F12	End

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

Table 22. List of keyboard shortcuts

Function key	Behavior
fn + B	Pause/Break
fn + H	Toggle between power light and battery-status light
fn + S	Toggle scroll lock
fn + R	System request
fn + ctrl	Open application menu
fn + esc	Toggle fn-key lock
fn + page up	Page up

Table 22. List of keyboard shortcuts (continued)

Function key	Behavior
fn + page down	Page down

Getting help and contacting Dell

Self-help resources

You can get information and help on Dell products and services using these self-help resources:

Table 23. Self-help resources

Self-help resources	Resource location
Information about Dell products and services	www.dell.com
My Dell app	
Tips	
Contact Support	In Windows search, type `Contact Support`, and press Enter.
Online help for operating system	www.dell.com/support/windows
Access top solutions, diagnostics, drivers and downloads, and learn more about your computer through videos, manuals and documents.	Your Dell computer is uniquely identified by a Service Tag or Express Service Code. To view relevant support resources for your Dell computer, enter the Service Tag or Express Service Code at www.dell.com/support. For more information on how to find the Service Tag for your computer, see Locate the Service Tag on your computer.
Dell knowledge base articles for a variety of computer concerns	1. Go to www.dell.com/support. 2. On the menu bar at the top of the Support page, select **Support** > **Knowledge Base**. 3. In the Search field on the Knowledge Base page, type the keyword, topic, or model number, and then click or tap the search icon to view the related articles.

Contacting Dell

To contact Dell for sales, technical support, or customer service issues, see www.dell.com/contactdell.

ⓘ **NOTE:** Availability varies by country/region and product, and some services may not be available in your country/region.

ⓘ **NOTE:** If you do not have an active Internet connection, you can find contact information about your purchase invoice, packing slip, bill, or Dell product catalog.