

Inspiron 7405 2n1

Setup and Specifications



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.

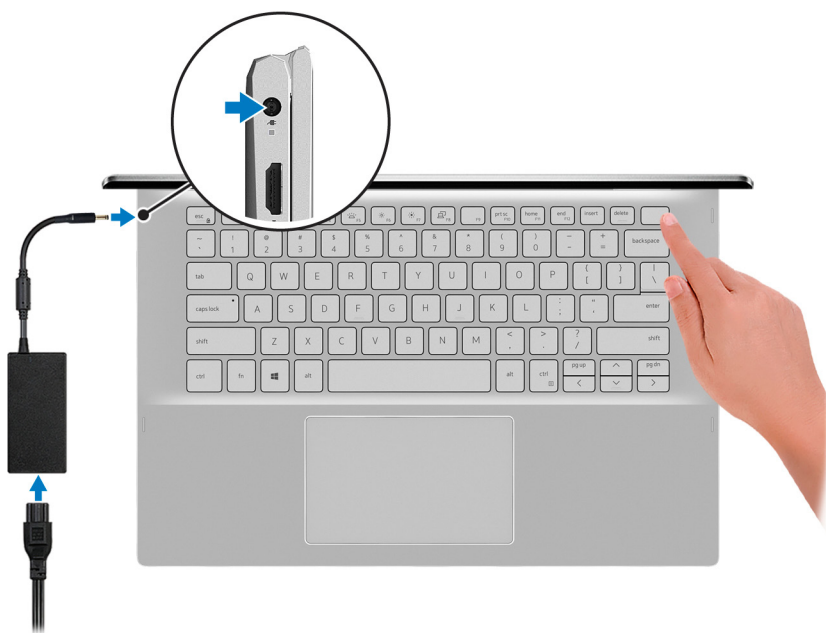
 **WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

Chapter 1: Set up your Inspiron 7405 2n1.....	4
Chapter 2: Views of Inspiron 7405 2n1.....	6
Right.....	6
Left.....	6
Base.....	7
Display.....	8
Bottom.....	9
Modes.....	9
Chapter 3: Using the privacy shutter.....	11
Chapter 4: Specifications of Inspiron 7405 2n1.....	13
Dimensions and weight.....	13
Processor.....	14
Chipset.....	14
Operating system.....	14
Memory.....	14
External ports.....	15
Internal slots.....	15
Wireless module.....	16
Audio.....	16
Storage.....	16
Media-card reader.....	17
Keyboard.....	17
Camera.....	18
Touchpad.....	18
Power adapter.....	19
Battery.....	19
Display.....	20
Fingerprint reader.....	21
GPU—Integrated.....	21
Operating and storage environment.....	21
Chapter 5: Keyboard shortcuts.....	22
Chapter 6: Getting help and contacting Dell.....	24

Set up your Inspiron 7405 2n1

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: 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 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






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.
	SupportAssist Pro-actively checks the health of your computer's hardware and software. The SupportAssist OS Recovery tool troubleshoots issues with the operating system. For more information, see the SupportAssist documentation at www.dell.com/support .

Table 1. Locate Dell apps (continued)

Resources	Description
	 NOTE: In SupportAssist, click the warranty expiry date to renew or upgrade your warranty.
	Dell Update Updates your computer with critical fixes and latest device drivers as they become available. For more information about using Dell Update, see the knowledge base article SLN305843 at www.dell.com/support .
	Dell Digital Delivery Download software applications, which are purchased but not pre-installed on your computer. For more information about using Dell Digital Delivery, see the knowledge base article 153764 at www.dell.com/support .

Views of Inspiron 7405 2n1

Topics:

- [Right](#)
- [Left](#)
- [Base](#)
- [Display](#)
- [Bottom](#)
- [Modes](#)

Right



1. SD-card slot

Reads from and writes to the SD card.

2. USB 3.2 Gen 1 port

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

3. Headset port

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

Left



1. Power-adaptor port

Connect a power adapter to provide power to your computer.

2. 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.

3. HDMI port

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

4. USB 3.2 Gen 1 port

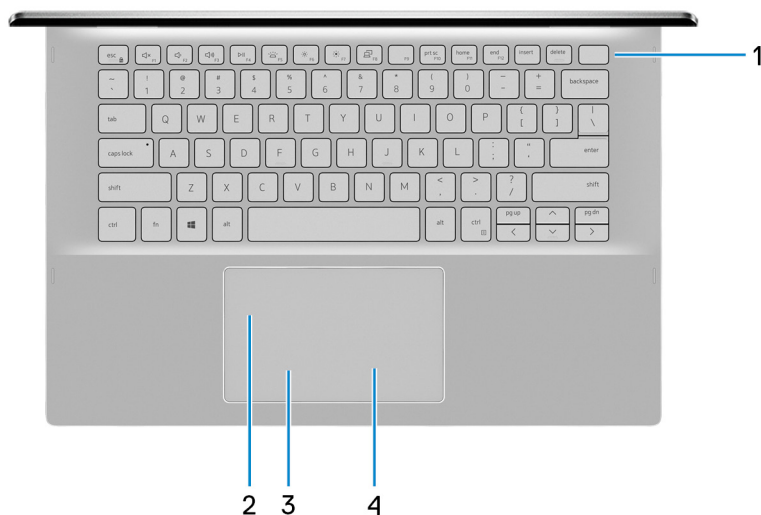
Connect peripherals such as external storage devices and printers. Provides data transfer speeds up to 5 Gbps.

5. USB 3.2 Gen 1 (Type-C) port/DisplayPort

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

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

Base



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.

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

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

NOTE: To reset the battery, press and hold the power button for 25 seconds.

2. Touchpad

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

3. Left-click area

Press to left-click.

4. Right-click area

Press to right-click.

Display



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.

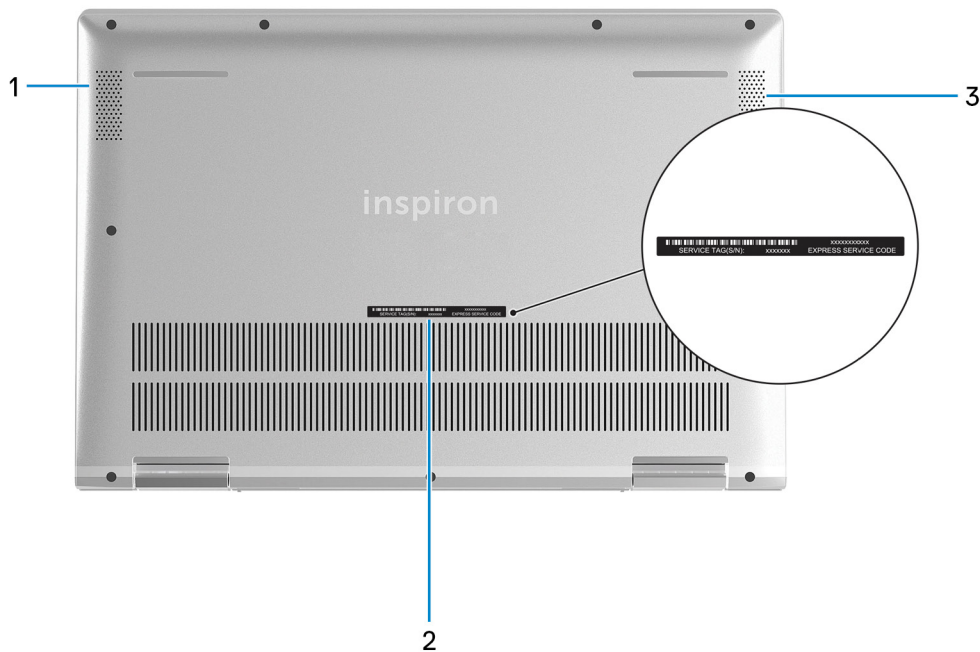
4. Camera-status light

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



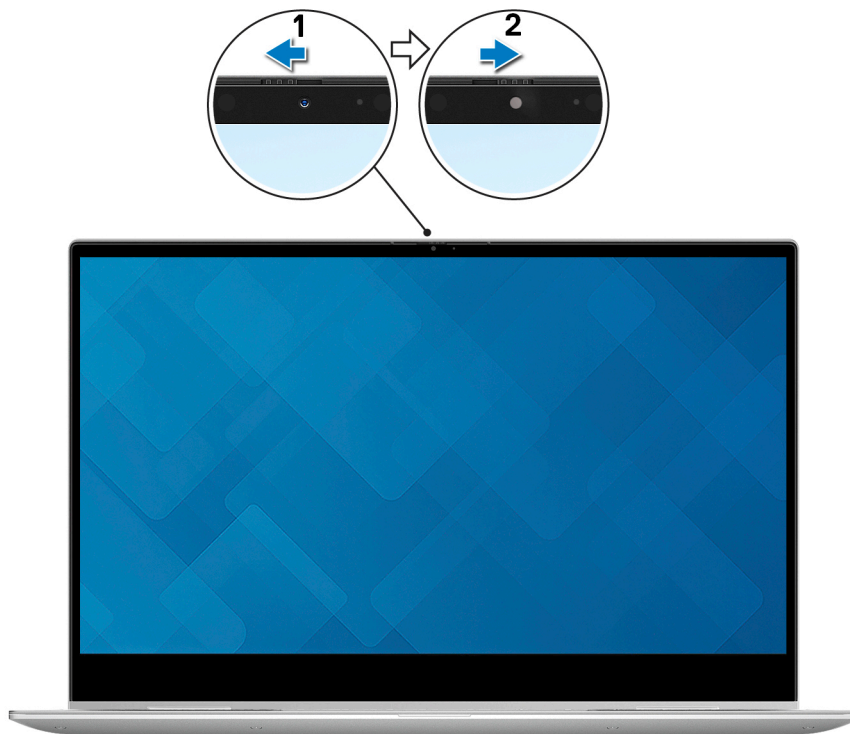
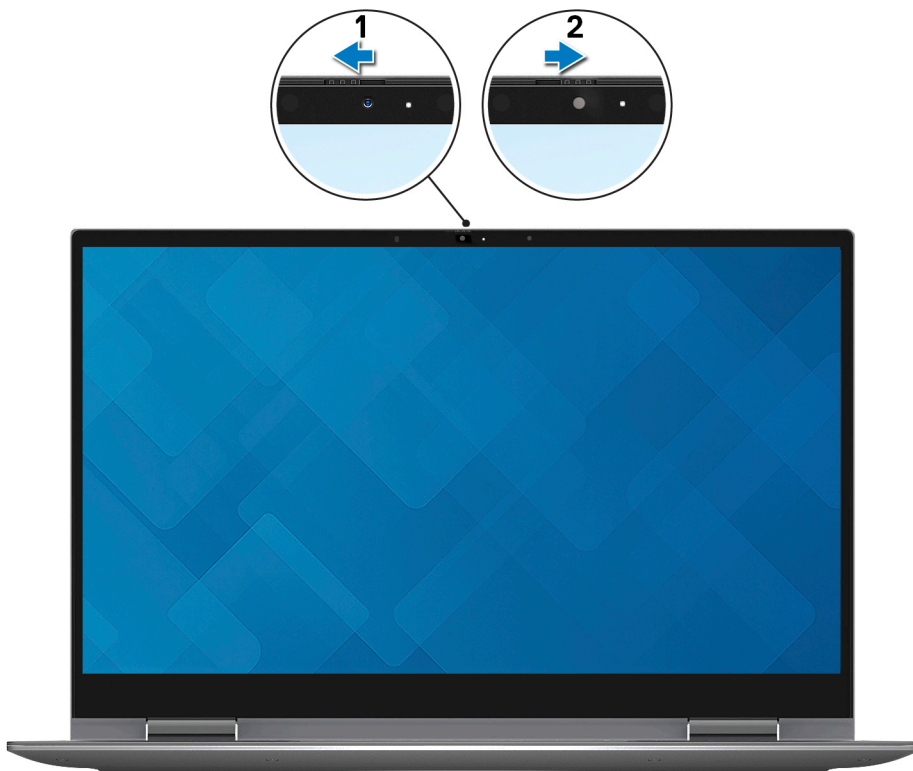
Stand



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 7405 2n1


Topics:

- Dimensions and weight
- Processor
- Chipset
- Operating system
- Memory
- External ports
- Internal slots
- Wireless module
- Audio
- Storage
- Media-card reader
- Keyboard
- Camera
- Touchpad
- Power adapter
- Battery
- Display
- Fingerprint reader
- GPU—Integrated
- Operating and storage environment

Dimensions and weight

The following table lists the height, width, depth, and weight of your Inspiron 7405 2n1.

Table 2. Dimensions and weight

Description		Values
Height:		
	Front height	16.44 mm (0.65 in.)
	Rear height	17.94 mm (0.71 in.)
Width		322.50 mm (12.70 in.)
Depth		221.90 mm (8.74 in.)
Weight (maximum)		1.64 kg (3.62 lbs)
		 NOTE: The weight of your computer depends on the configuration ordered and manufacturing variability.

Processor

The following table lists the details of the processors supported by your Inspiron 7405 2n1.

Table 3. Processor

Description	Option one	Option two
Processor type	AMD Ryzen 5 4500U	AMD Ryzen 7 4700U
Processor wattage	15 W	15 W
Processor core count	6	8
Processor thread count	6	8
Processor speed	Up to 4 GHz	Up to 4.2 GHz
Processor cache	8 MB	8 MB
Integrated graphics	AMD Radeon Graphics	AMD Radeon Graphics

Chipset

The following table lists the details of the chipset supported by your Inspiron 7405 2n1.

Table 4. Chipset

Description	Option one	Option two
Processors	AMD Ryzen 5 4500U	AMD Ryzen 7 4700U
Chipset	Integrated in the processor	Integrated in the processor
DRAM bus width	64-bit	64-bit
Flash EPROM	16 MB	16 MB
PCIe bus	Up to Gen3	Up to Gen3

Operating system

Your Inspiron 7405 2n1 supports the following operating systems:

- Windows 10 Professional (64-bit)
- Windows 10 Home (S mode)

Memory

The following table lists the memory specifications of your Inspiron 7405 2n1.

Table 5. Memory specifications

Description	Values
Memory slots	Two-SODIMM slots
Memory type	Dual-Channel DDR4
Memory speed	3200 MHz

Table 5. Memory specifications (continued)

Description	Values
Maximum memory configuration	32 GB
Minimum memory configuration	4 GB
Memory size per slot	4 GB, 8 GB, 16 GB
Memory configurations supported	<ul style="list-style-type: none"> • 4 GB, 1 x 4 GB, DDR4, 3200 MHz • 8 GB, 1 x 8 GB, DDR4, 3200 MHz • 8 GB, 1 x 4 GB + 1 x 4 GB, DDR4, 3200 MHz, dual-channel • 12 GB, 1 x 4 GB + 1 x 8 GB, DDR4, 3200 MHz • 16 GB, 1 x 16 GB, DDR4, 3200 MHz • 16 GB, 1 x 8 GB + 1 x 8 GB, DDR4, 3200 MHz, dual-channel

External ports

The following table lists the external ports on your Inspiron 7405 2n1.


Table 6. External ports

Description	Values
USB ports	<ul style="list-style-type: none"> • Two USB 3.2 Gen 1 ports • One USB 3.2 Gen 1 (Type-C) port with DisplayPort support
Audio port	One headset (headphone and microphone combo) port
Video port	One HDMI 1.4b port
Media-card reader	One SD-card slot
Docking port	Not supported
Power-adaptor port	One 4.5 mm x 2.9 mm DC-in
Security	N/A

Internal slots

The following table lists the internal slots of your Inspiron 7405 2n1.

Table 7. Internal slots

Description	Values
M.2	<ul style="list-style-type: none"> • One M.2 2230 slot for WiFi and Bluetooth combo card • One M.2 2230/2280 slot for solid-state drive <p> NOTE: To learn more about the features of different types of M.2 cards, see the knowledge base article SLN301626 at www.dell.com/support.</p>

Wireless module

The following table lists the Wireless Local Area Network (WLAN) modules supported on your Inspiron 7405 2n1.

Table 8. Wireless module specifications

Description	Option one	Option two
Model number	Intel AX200	Qualcomm QCA61x4A
Transfer rate	Up to 2400 Mbps	Up to 867 Mbps
Frequency bands supported	2.4 GHz/5 GHz	2.4 GHz/5 GHz
Wireless standards	Wi-Fi 6 (WiFi 802.11ax)	Wi-Fi 5 (WiFi 802.11ac)
Encryption	<ul style="list-style-type: none">64-bit/128-bit WEPAES-CCMPTKIP	N/A
Bluetooth	Bluetooth 5.0	Bluetooth 4.2

Audio

The following table lists the audio specifications of your Inspiron 7405 2n1.

Table 9. Audio specifications

Description		Values
Audio controller		Realtek ALC3204
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	2.5 W
Subwoofer output		Not supported
Microphone		Dual-array microphones

Storage

This section lists the storage options on your Inspiron 7405 2n1.

Your Inspiron 7405 2n1 supports one of the following storage configurations:

- One M.2 2230 solid-state drive

- One M.2 2280 solid-state drive

Table 10. Storage specifications

Storage type	Interface type	Capacity
One M.2 2230 PCIe solid-state drive	PCIe Gen3.0 NVMe, up to 32 Gbps	128 GB
One M.2 2230 PCIe solid-state drive	PCIe Gen3.0 NVMe, up to 32 Gbps	256 GB
One M.2 2230 PCIe solid-state drive	PCIe Gen3.0 NVMe, up to 32 Gbps	512 GB
One M.2 2230 PCIe solid-state drive	PCIe Gen3.0 NVMe, up to 32 Gbps	256 GB
One M.2 2280 PCIe solid-state drive	PCIe Gen3.0 NVMe, up to 32 Gbps	512 GB
One M.2 2280 PCIe solid-state drive	PCIe Gen3.0 NVMe, up to 32 Gbps	1 TB
One M.2 2280 PCIe solid-state drive	PCIe Gen3.0 NVMe, up to 32 Gbps	2 TB

Media-card reader

The following table lists the media cards supported by your Inspiron 7405 2n1.

Table 11. Media-card reader specifications

Description	Values
Media-card type	One SD card slot
Media-cards supported	<ul style="list-style-type: none"> • 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 7405 2n1.

Table 12. Keyboard specifications

Description	Values
Keyboard type	<ul style="list-style-type: none"> • Standard non-backlit keyboard • Backlit keyboard
Keyboard layout	QWERTY
Number of keys	<ul style="list-style-type: none"> • United States and Canada: 81 keys • United Kingdom: 82 keys • Japan: 85 keys
Keyboard size	X=18.7 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

Table 12. Keyboard specifications (continued)

Description	Values
	<p>and the desired key. To perform secondary functions, press Fn and the desired key.</p> <p>NOTE: You can define the primary behavior of the function keys (F1–F12) changing Function Key Behavior in BIOS setup program.</p> <p>For more information, see keyboard shortcuts Keyboard shortcuts.</p>

Camera

The following table lists the camera specifications of your Inspiron 7405 2n1.

Table 13. Camera specifications

Description	Values
Number of cameras	One
Camera type	HD RGB camera
Camera location	Front camera
Camera sensor type	CMOS sensor technology
Camera resolution:	
Still image	0.92 megapixels
Video	1280 x 720 (HD) at 30fps
Diagonal viewing angle:	74.90 degrees

Touchpad

The following table lists the touchpad specifications of your Inspiron 7405 2n1.

Table 14. Touchpad specifications

Description	Values
Touchpad resolution:	
Horizontal	1349
Vertical	929
Touchpad dimensions:	
Horizontal	115 mm (4.53 in.)
Vertical	70 mm (2.76 in.)
Touchpad gestures	For more information about touchpad gestures available on Windows 10, see the Microsoft knowledge base article 4027871 at support.microsoft.com .

Power adapter

The following table lists the power adapter specifications of your Inspiron 7405 2n1.

Table 15. Power adapter specifications

Description		Option one	Option two
Type		45 W	65 W
Connector dimensions:			
	External diameter	4.50 mm	4.50 mm
	Internal diameter	2.90 mm	2.90 mm
Input voltage		100 VAC–240 VAC	100 VAC–240 VAC
Input frequency		50 Hz–60 Hz	50 Hz–60 Hz
Input current (maximum)		1.30 A	1.50 A
Output current (continuous)		2.31 A	3.34 A
Rated output voltage		19.50 VDC	19.50 VDC
Temperature range:			
	Operating	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)
	Storage	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)

Battery

The following table lists the battery specifications of your Inspiron 7405 2n1.

Table 16. Battery specifications

Description		Option one	Option two
Battery type		3-cell "smart" lithium ion	4-cell "smart" lithium-ion
Battery voltage		11.40 VDC	15.20 VDC
Battery weight (maximum)		0.18 kg (0.40 lb)	0.23 kg (0.51 lb)
Battery dimensions:			
	Height	184.10 mm (7.25 in.)	239.10 mm (9.41 in.)
	Width	90.73 mm (3.57 in.)	90.73 mm (3.57 in.)
	Depth	5.75 mm (0.23 in.)	5.75 mm (0.23 in.)
Temperature range:			
	Operating	0°C to 35°C (32°F to 95°F)	0°C to 35°C (32°F to 95°F)
	Storage	-40°C to 65°C (-40°F to 149°F)	-40°C to 65°C (-40°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 16. Battery specifications (continued)

Description	Option one	Option two
Battery charging time (approximate)	4 hours (when the computer is off) i 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, <i>Me and My Dell</i> on www.dell.com/ .	4 hours (when the computer is off) i 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, <i>Me and My Dell</i> on www.dell.com/ .
Coin-cell battery	CR 2032	CR 2032

Display

The following table lists the display specifications of your Inspiron 7405 2n1.

Table 17. Display specifications

Description	Values
Display type	Full High Definition (FHD)
Display-panel technology	Wide Viewing Angle (WVA)
Display-panel dimensions (active area):	
Height	174 mm (6.85 in.)
Width	309.35 mm (12.18 in.)
Diagonal	355.60 mm (14.00 in.)
Display-panel native resolution	1920 x 1080
Luminance (typical)	220 nits
Megapixels	2.07
Color gamut	NTSC (45% typical)
Pixels Per Inch (PPI)	157 PPI
Contrast ratio (min)	20.83
Response time (max)	35 ms
Refresh rate	60 Hz
Horizontal view angle	80 degrees
Vertical view angle	80 degrees
Pixel pitch	0.161 mm
Power consumption (maximum)	3.55 W
Anti-glare vs glossy finish	Glossy
Touch options	Yes

Fingerprint reader

The following table lists the fingerprint-reader specifications of your Inspiron 7405 2n1.

Table 18. Fingerprint reader specifications

Description	Values
Fingerprint-reader sensor technology	Capacitive
Fingerprint-reader sensor resolution	500 dpi
Fingerprint-reader sensor pixel size	80 x 64

GPU—Integrated

The following table lists the specifications of the integrated Graphics Processing Unit (GPU) supported by your Inspiron 7405 2n1.

Table 19. GPU—Integrated

Controller	External display support	Memory size	Processor
AMD Radeon graphics	<ul style="list-style-type: none">One HDMI1.4b portUSB 3.2 Gen 1 (Type-C) port/DisplayPort	Shared system memory	AMD Ryzen 5 4500U/AMD Ryzen 7 4700U

Operating and storage environment

This table lists the operating and storage specifications of your Inspiron 7405 2n1.

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

Table 20. Computer environment

Description	Operating	Storage
Temperature range	0°C to 35°C (32°F to 95°F)	-40°C to 65°C (-40°F to 149°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 (maximum)	-15.2 m to 3048 m (-49.87 ft to 10000 ft)	-15.2 m to 10668 m (-49.87 ft to 35000 ft)

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

† Measured using a 2 ms half-sine pulse when the hard drive is in use.

Keyboard shortcuts

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**.

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

Table 21. List of keyboard shortcuts (continued)

Function key	Re-defined key (for multi-media control)	Behavior
	 + 	Home
	 + 	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
 + 	Pause/Break
 + 	Sleep
 + 	Toggle between power and battery-status light/hard-drive activity light
 + 	Toggle scroll lock
 + 	System request
 + 	Open application menu
 + 	Toggle Fn-key lock
 + 	Page up
 + 	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
Troubleshooting information, user manuals, set up instructions, product specifications, technical help blogs, drivers, software updates, and so on.	www.dell.com/support
Dell knowledge base articles for a variety of computer concerns	<ol style="list-style-type: none"> 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.
Learn and know the following information about your product: <ul style="list-style-type: none"> • Product specifications • Operating system • Setting up and using your product • Data backup • Troubleshooting and diagnostics • Factory and system restore • BIOS information 	See <i>Me and My Dell</i> at www.dell.com/support/manuals . To locate the <i>Me and My Dell</i> relevant to your product, identify your product through one of the following: <ul style="list-style-type: none"> • Select Detect Product. • Locate your product through the drop-down menu under View Products. • Enter the Service Tag number or Product ID in the search bar.

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.