

Inspiron 7706 2-in-1

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.

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Set up your Inspiron 7706 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: 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






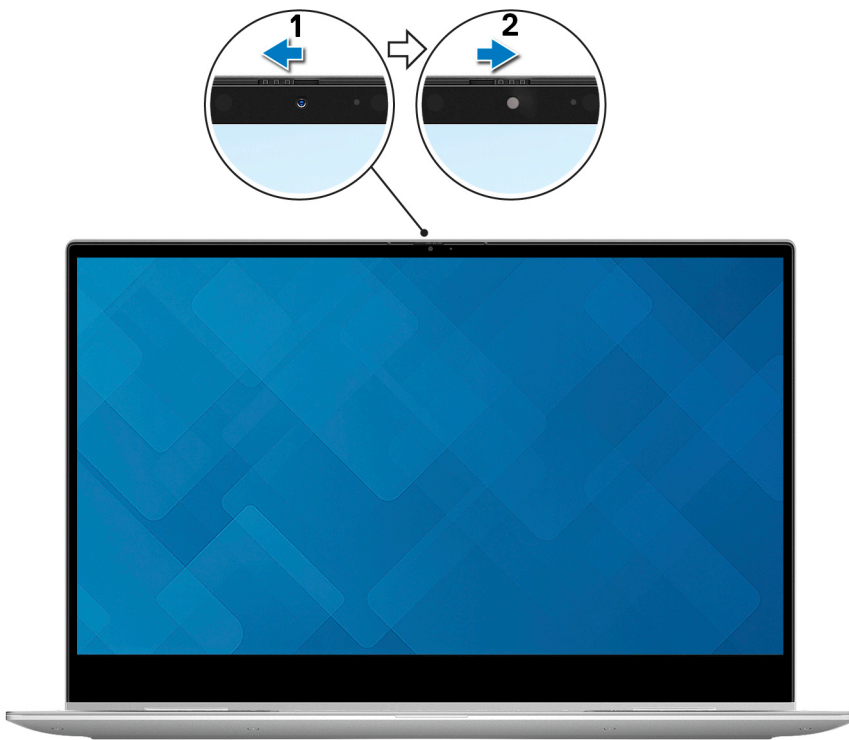
Resources	Description
	My Dell Centralized location for key Dell applications, help articles, and other important information about your computer. It also notifies you about the warranty status, recommended accessories, and software updates if available.
	SupportAssist Proactively checks the health of 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 .

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.

Views of Inspiron 7706 2-in-1

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).

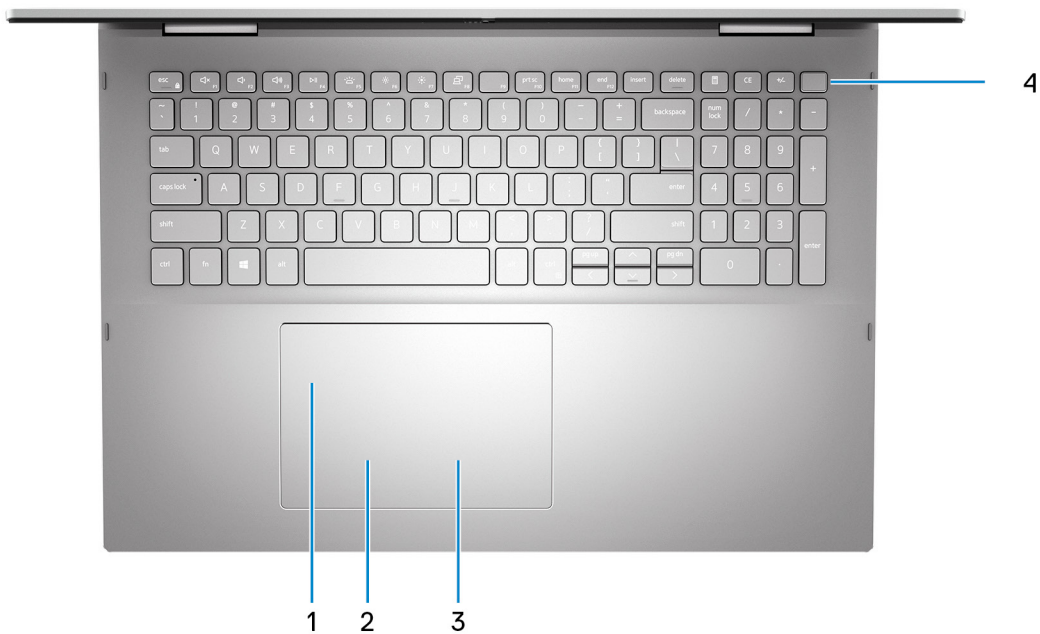
Left



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. **Thunderbolt 4 USB Type-C port with Power Delivery**
Connects to an external display using a display adapter. Provides data transfer rates of up to 40 Gbps.
Supports Power Delivery that enables two-way power supply between devices. Provides up to 5 V/3 A power output that enables faster charging.

- NOTE:** You can connect a Dell Docking Station to the Thunderbolt 4 port. For more information, see the knowledge base article [SLN286158](https://www.dell.com/support/sln/SLN286158) at www.dell.com/support.
- NOTE:** A USB Type-C to DisplayPort adapter (sold separately) is required to connect a DisplayPort device.
- NOTE:** Connecting a USB Type-C power adapter to this port provides power to your computer and charges the battery.

Base



1. Touchpad

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

2. Left-click area

Press to left-click.

3. Right-click area

Press to right-click.

4. Power button with 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.

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

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



Specifications of Inspiron 7706 2-in-1

Dimensions and weight

The following table lists the height, width, depth, and weight of your Inspiron 7706 2-in-1.

Table 2. Dimensions and weight

Description	Values
Height:	
Front height	15.26 mm (0.60 in.)
Rear height	19.30 mm (0.76 in.)
Width	379.80 mm (14.95 in.)
Depth	266.40 mm (10.49 in.)
Weight (maximum)	2.43 kg (5.36 lb) <i>NOTE:</i> 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 7706 2-in-1.

Table 3. Processor

Description	Option one	Option two
Processor type	11 th Generation Intel Core i5-1135G7	11 th Generation Intel Core i7-1165G7
Processor wattage	28 W	28 W
Processor core count	4	4
Processor thread count	8	8
Processor speed	Up to 4.2 GHz	Up to 4.7 GHz
Processor cache	8 MB	12 MB
Integrated graphics	Intel Iris Xe Graphics	Intel Iris Xe Graphics

Chipset

The following table lists the details of the chipset supported by your Inspiron 7706 2-in-1.

Table 4. Chipset

Description	Values
Chipset	Integrated in the processor
Processor	11 th Generation Intel Core i5/i7
DRAM bus width	64-bit
Flash EPROM	32 MB
PCIe bus	Up to Gen3

Operating system

Your Inspiron 7706 2-in-1 supports the following operating systems:

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

Memory

The following table lists the memory specifications of your Inspiron 7706 2-in-1.

Table 5. Memory specifications

Description	Values
Memory slots	Two SoDIMM slots
Memory type	Dual-channel DDR4
Memory speed	3200 MHz
Maximum memory configuration	16 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, 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, dual-channel• 16 GB, 1 x 16 GB, DDR4, 3200 MHz• 16 GB, 2 x 8 GB, DDR4, 3200 MHz, dual-channel

External ports

The following table lists the external ports on your Inspiron 7706 2-in-1.


Table 6. External ports

Description	Values
USB ports	<ul style="list-style-type: none">Two USB 3.2 Gen 1 portsOne Thunderbolt 4 Type-C port with Power Delivery
Audio port	One headset (headphone and microphone combo) port
Video port	One HDMI 1.4 port
Media-card reader	One SD-card slot
Docking port	N/A
Power-adaptor port	One 4.5 mm barrel
Security	N/A

Internal slots

The following table lists the internal slots of your Inspiron 7706 2-in-1.

Table 7. Internal slots

Description	Values
M.2	<ul style="list-style-type: none">One M.2 2230 slot for WiFi and Bluetooth combo cardOne M.2 2230/2280 slot for solid-state drive/Intel Optane memory <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) module supported on your Inspiron 7706 2-in-1.

Table 8. Wireless module specifications

Description	Values
Model number	Intel AX201
Transfer rate	Up to 2400 Mbps
Frequency bands supported	2.4 GHz/5 GHz
Wireless standards	<ul style="list-style-type: none">Up to Wi-Fi 6 (WiFi 802.11ax)
Encryption	<ul style="list-style-type: none">64-bit/128-bit WEPAES-CCMPTKIP

Table 8. Wireless module specifications (continued)

Description	Values
Bluetooth	Bluetooth 5.1

Audio

The following table lists the audio specifications of your Inspiron 7706 2-in-1.

Table 9. Audio specifications

Description		Values
Audio controller		Realtek ALC3204
Stereo conversion		Supported
Internal audio interface		High-definition audio interface
External audio interface		Universal Audio Jack
Number of speakers		2
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		Digital-array microphones in camera assembly

Storage

This section lists the storage options on your Inspiron 7706 2-in-1.

Your Inspiron 7706 2-in-1 supports one of the following storage configurations:

- One M.2 2230/2280 solid-state drive
- One M.2 2280 Intel Optane Memory H10

The primary drive of your Inspiron 7706 2-in-1 varies with the storage configuration. For computers:

- With the M.2 2230/2280 solid-state drive, the solid-state is the primary drive
- With the M.2 2280 Intel Optane Memory H10, the Intel Optane Memory H10 is the primary drive

Table 10. Storage specifications

Storage type	Interface type	Capacity
One M.2 2230 solid-state drive	PCIe Gen3 x4 NVMe, up to 32 Gbps	Up to 512 GB
One M.2 2280 solid-state drive	PCIe Gen3 x4 NVMe, up to 32 Gbps	Up to 2 TB
One M.2 2280 Intel Optane Memory H10 with Solid State Storage	PCIe Gen3 x2 NVMe, up to 16 Gbps	Up to 1 TB

Intel Optane Memory H10 with Solid State Storage (optional)

Intel Optane Memory technology utilizes 3D XPoint memory technology and functions as a non-volatile storage cache/accelerator and/or storage device depending on the Intel Optane Memory installed in your computer.

Intel Optane Memory H10 with Solid State Storage functions as both a non-volatile storage cache/accelerator (enabling enhanced read/write speeds for hard-drive storage) and a solid-state storage solution. It neither replaces nor adds to the memory (RAM) installed on your computer.

Table 11. Intel Optane Memory H10 with Solid State Storage specifications

Description	Values
Interface	PCIe 3 x4 NVMe <ul style="list-style-type: none">One PCIe 3 x2 for Optane memoryOne PCIe 3 x2 for solid-state storage
Connector	M.2
Form factor	2280
Capacity (Intel Optane memory)	Up to 32 GB
Capacity (solid-state storage)	Up to 1 TB

NOTE: Intel Optane Memory H10 with Solid State Storage is supported on computers that meet the following requirements:

- 9th Generation or higher Intel Core i3/i5/i7 processors
- Windows 10 64-bit version or higher (Anniversary Update)
- Intel Rapid Storage Technology driver version 15.9.1.1018 or higher

Media-card reader

The following table lists the media cards supported by your Inspiron 7706 2-in-1.

Table 12. 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 7706 2-in-1.

Table 13. Keyboard specifications

Description	Values
Keyboard type	Backlit keyboard

Table 13. Keyboard specifications (continued)

Description	Values
Keyboard layout	QWERTY
Number of keys	<ul style="list-style-type: none"> • United States and Canada: 101 keys • United Kingdom: 102 keys • Japan: 105 keys
Keyboard size	X=18.7 mm key pitch Y=18.05 mm key pitch
Keyboard shortcuts	<p>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.</p> <p> NOTE: You can define the primary behavior of the function keys (F1–F12) changing Function Key Behavior in BIOS setup program.</p>

Camera

The following table lists the camera specifications of your Inspiron 7706 2-in-1.

Table 14. Camera specifications

Description	Values
Number of cameras	One
Camera type	RGB HD camera
Camera location	Front
Camera sensor type	CMOS sensor technology
Camera resolution:	
Still image	0.92 megapixel
Video	1280 x 720 (HD) at 30 fps
Diagonal viewing angle:	74.9 degrees

Touchpad

The following table lists the touchpad specifications of your Inspiron 7706 2-in-1.

Table 15. Touchpad specifications

Description	Values
Touchpad resolution:	
Horizontal	4085
Vertical	2742

Table 15. Touchpad specifications (continued)

Description		Values
Touchpad dimensions:		
	Horizontal	133 mm (5.24 in.)
	Vertical	90 mm (3.54 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 7706 2-in-1.

Table 16. Power adapter specifications

Description		Values
Type		E90W
Connector dimensions:		
	External diameter	4.50 mm
	Internal diameter	2.90 mm
Input voltage		100 VAC–240 VAC
Input frequency		50 Hz–60 Hz
Input current (maximum)		1.50 A
Output current (continuous)		4.62 A
Rated output voltage		19.50 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)

Battery

The following table lists the battery specifications of your Inspiron 7706 2-in-1.

Table 17. Battery specifications

Description		Values
Battery type		4-cell 68 Wh "smart" lithium-ion
Battery voltage		15.20 VDC
Battery weight (maximum)		0.34 kg (0.75 lb)
Battery dimensions:		

Table 17. Battery specifications (continued)

Description		Values
	Height	233 mm (9.17 in.)
	Width	95.90 mm (3.78 in.)
	Depth	7.05 mm (0.28 in.)
Temperature range:		
	Operating	0°C to 35°C (32°F to 95°F)
	Storage	-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.
Battery charging time (approximate) 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)
Coin-cell battery		CR 2032

Display

The following table lists the display specifications of your Inspiron 7706 2-in-1.

Table 18. Display specifications

Description		Values
Display type		Quad High Definition (QHD+)
Display-panel technology		Wide Viewing Angle
Display-panel dimensions (active area):		
	Height	228.96 mm (9.01 in.)
	Width	366.34 mm (14.42 in.)
	Diagonal	432 mm (17.01 in.)
Display-panel native resolution		2560 x 1600
Luminance (typical)		300 nits
Megapixels		4.09
Color gamut		sRGB 100%
Pixels Per Inch (PPI)		178
Contrast ratio (min)		41.67
Response time (max)		35 ms
Refresh rate		60 Hz

Table 18. Display specifications (continued)

Description	Values
Horizontal view angle	+/- 85 degrees
Vertical view angle	+/- 85 degrees
Pixel pitch	0.14 mm
Power consumption (maximum)	5.55 W
Anti-glare vs glossy finish	Glossy
Touch options	Yes

Fingerprint reader

The following table lists the fingerprint-reader specifications of your Inspiron 7706 2-in-1.

Table 19. 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 7706 2-in-1.

Table 20. GPU—Integrated

Controller	Memory size	Processor
Intel Iris Xe Graphics	Shared system memory	11 th Generation Intel Core i5/i7

GPU—Discrete

The following table lists the specifications of the discrete Graphics Processing Unit (GPU) supported by your Inspiron 7706 2-in-1.

Table 21. GPU—Discrete

Controller	Memory size	Memory type
NVIDIA GeForce MX350	2 GB	GDDR5

Operating and storage environment

This table lists the operating and storage specifications of your Inspiron 7706 2-in-1.

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

Table 22. 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)	50% to 90% (non-condensing)	0% to 95% (non-condensing)
Vibration (maximum)*	0.66 GRMS	1.30 GRMS
Shock (maximum)	140 G†	160 G†
Altitude range	N/A	N/A

* 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 of Inspiron 7706 2-in-1

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 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, multimedia 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 23. List of keyboard shortcuts
















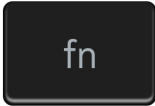







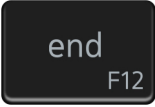
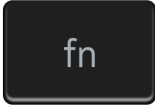
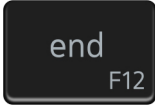
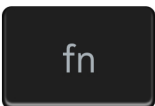

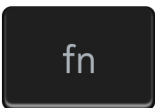



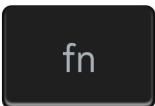
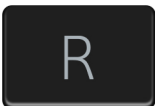



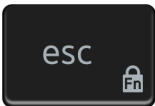
Function key	Redefined key (for multimedia control)	Behavior
 F1	fn +  F1	Mute audio
 F2	fn +  F2	Decrease volume
 F3	fn +  F3	Increase volume
 F4	fn +  F4	Play/Pause
 F5	fn +  F5	Toggle keyboard backlight
 F6	fn +  F6	Decrease brightness
 F7	fn +  F7	Increase brightness

Table 23. List of keyboard shortcuts (continued)

Function key	Redefined key (for multimedia control)	Behavior
	 + 	Switch to external display
	 + 	Print screen
	 + 	Home
	 + 	End

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

Table 24. List of keyboard shortcuts



Function key	Behavior
 + 	Pause/Break
 + 	Toggle between power and battery-status light
 + 	Toggle scroll lock
 + 	System request
 + 	Open application menu
 + 	Toggle Fn-key lock

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 25. 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.