

Inspiron 7390 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.

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Set up your Inspiron 7390 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: 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

Resources	Description
	<p>My Dell</p> <p>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.</p>
	<p>SupportAssist</p> <p>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.</p> <p>NOTE: In SupportAssist, click the warranty expiry date to renew or upgrade your warranty.</p>

Resources

Description



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.

Create a USB recovery drive for Windows

Create a recovery drive to troubleshoot and fix problems that may occur with Windows. An empty USB flash drive with a minimum capacity of 16 GB is required to create the recovery drive.

NOTE: This process may take up to an hour to complete.

NOTE: The following steps may vary depending on the version of Windows installed. Refer to the [Microsoft support site](#) for latest instructions.

- 1 Connect the USB flash drive to your computer.
- 2 In Windows search, type *Recovery*.
- 3 In the search results, click **Create a recovery drive**.
The **User Account Control** window is displayed.
- 4 Click **Yes** to continue.
The **Recovery Drive** window is displayed.
- 5 Select **Back up system files to the recovery drive** and click **Next**.
- 6 Select the **USB flash drive** and click **Next**.
A message appears, indicating that all data in the USB flash drive will be deleted.
- 7 Click **Create**.
- 8 Click **Finish**.

For more information about reinstalling Windows using the USB recovery drive, see the *Troubleshooting* section of your product's *Service Manual* at www.dell.com/support/manuals.

Views of Inspiron 7390 2n1

Right



1 **microSD-card slot**

Reads from and writes to the microSD-card.

2 **Headset port**

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

3 **USB 3.1 Gen 1 port**

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

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.

NOTE: On certain computer models, the power and battery-status light is also used for system diagnostics. For more information, see the *Troubleshooting* section in your computer's *Service Manual*.

3 **HDMI port**

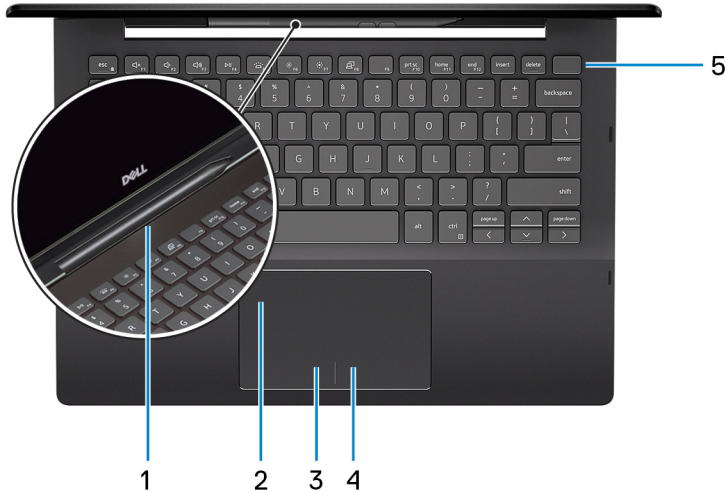
Connect to a TV or another HDMI-in enabled device. Provides video and audio output.

4 USB 3.1 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 Pen garage

Magnetic storage slot for the Dell Active Stylus Pen.

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.

5 Power button with fingerprint reader

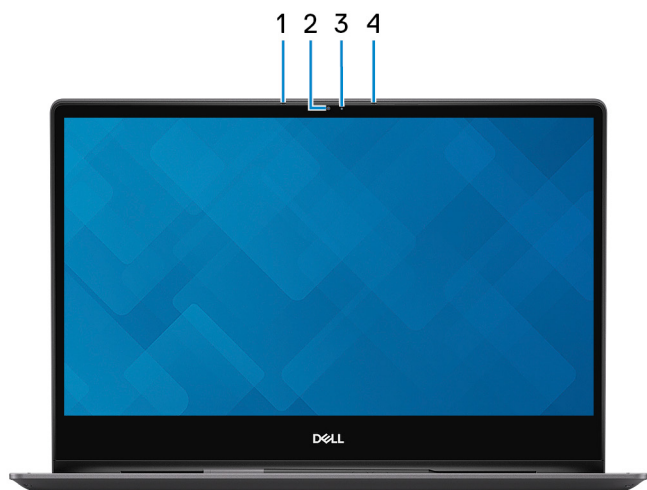
Press to turn on the computer if it is turned off, in sleep state, or in hibernate state.

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.

Place your finger on the power button to log-in with the fingerprint reader.

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

Display



1 **Left microphone**

Provides digital sound input for audio recording and voice calls.

2 **Camera**

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

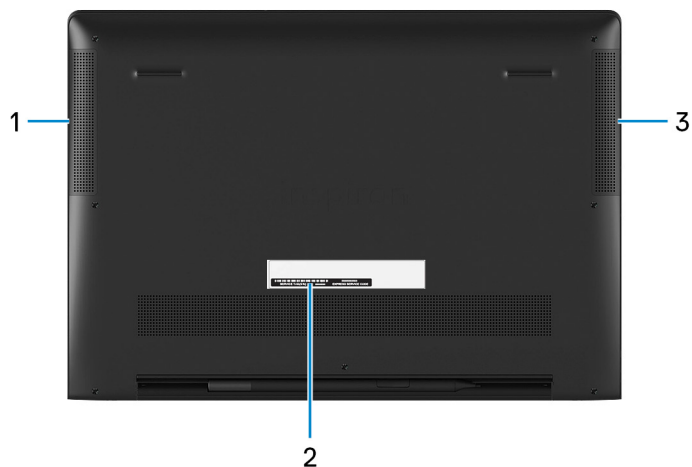
3 **Camera-status light**

Turns on when the camera is in use.

4 **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 7390 2n1

Dimensions and weight

Table 2. Dimensions and weight

Description	Values
Height:	
Front	13.66 mm (0.54 in.)
Rear	15.90 mm (0.63 in.)
Width	306.76 mm (12.07 in.)
Depth	215.92 mm (8.50 in.)
Weight	1.45 kg (3.20 lbs)

NOTE: The weight of your computer depends on the configuration ordered and the manufacturing variability.

Processors

Table 3. Processors

Description	Values	
Processors	8 th Generation Intel Core i5	8 th Generation Intel Core i7
Wattage	15 W	15 W
Core count	4	4
Thread count	8	8
Speed	Up to 3.9 GHz Boost	Up to 4.6 GHz Boost
Cache	6 MB	8 MB
Integrated graphics	Intel UHD Graphics 620	Intel UHD Graphics 620

Chipset

Table 4. Chipset

Description	Values
Chipset	Integrated into the processor
Processor	8 th Generation Intel Core i5/i7
DRAM bus width	64-bit
Flash EPROM	16 MB
PCIe bus	Up to PCIe Gen3
External bus frequency	Not supported

Operating system

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

Memory

Table 5. Memory specifications

Description	Values
Slots	Onboard memory i NOTE: The memory is integrated on the system board from the factory and it cannot be upgraded later.
Type	LPDDR3
Speed	2133 MHz
Maximum memory	16 GB
Minimum memory	8 GB
Memory size per slot	Not supported
Configurations supported	<ul style="list-style-type: none">• 8 GB onboard memory• 16 GB onboard memory

Ports and connectors

Table 6. External ports and connectors

External:		
USB		<ul style="list-style-type: none">One USB 3.1 Gen 1 portUSB 3.1 Gen 1 (Type-C) port/DisplayPort
Audio		One headset port
Video		One HDMI 2.0 port
Media card reader		One microSD-card slot
Docking port		Not supported
Power adapter port		4.5 mm x 2.9 mm
Security		Not supported

Table 7. Internal ports and connectors

Internal:		
M.2		<ul style="list-style-type: none">One M.2 slot for WiFi and Bluetooth combo cardOne M.2 2230/2280 slot for solid-state drive/Intel Optane storage
<div><div>NOTE:</div><div>To learn more about the features of different types of M.2 cards, see the knowledge base article SLN301626.</div></div>		

Communications

Wireless module

Table 8. Wireless module specifications

Description		Values
Model number	Qualcomm QCA61x4A (DW1820)	Intel 9560 (160MHz)
Transfer rate	Up to 867 Mbps	Up to 1.73 Gbps
Frequency bands supported	Dual band 2.4 GHz/5 GHz	Dual band 2.4 GHz/5 GHz
Wireless standards	<ul style="list-style-type: none">WiFi 802.11a/b/gWi-Fi 4 (WiFi 802.11n)Wi-Fi 5 (WiFi 802.11ac)	<ul style="list-style-type: none">WiFi 802.11a/b/gWi-Fi 4 (WiFi 802.11n)Wi-Fi 5 (WiFi 802.11ac)
Encryption	<ul style="list-style-type: none">64-bit/128-bit WEP	<ul style="list-style-type: none">64-bit/128-bit WEP

Description	Values	
Bluetooth	<ul style="list-style-type: none"> • AES-CCMP • TKIP 	<ul style="list-style-type: none"> • AES-CCMP • TKIP
	Bluetooth 4.2	Bluetooth 5.0

Audio

Table 9. Audio specifications

Description	Values
Controller	Realtek ALC3254
Stereo conversion	Supported
Internal interface	High-definition audio
External interface	Headset combo connector
Speakers	Two
Internal speaker amplifier	Supported (Audio codec built-in amplifier)
External volume controls	Using media-control shortcut keys
Speaker output:	
Average	2 W
Peak	2.5 W
Subwoofer output	Not supported
Microphone	Digital-array microphones

Storage

Your computer supports one M.2 solid-state drive or one M.2 Intel Optane storage.

Table 10. Storage specifications

Form factor	Interface type	Capacity
M.2 2230 solid-state drive	PCIe NVMe 3x2/3x4	Up to 1 TB
M.2 2280 solid-state drive	PCIe NVMe 3x4	Up to 1 TB
M.2 2280 Intel Optane storage	PCIe NVMe 3x4	Up to 512 GB

Media-card reader

Table 11. Media-card reader specifications

Description	Values
Type	One microSD-card slot
Cards supported	Secure Digital (SD)

Keyboard

Table 12. Keyboard specifications

Description	Values
Type	Backlit 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
Size	X = 18.70 mm key pitch Y = 18.05 mm key pitch
Shortcut keys	<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) by changing Function Key Behavior in BIOS setup program.</p>

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

[Keyboard shortcuts](#)

Camera

Table 13. Camera specifications

Description	Values
Number of cameras	One
Type	HD RGB camera
Location	Front camera
Sensor type	CMOS sensor technology
Resolution:	

Description	Values
Still image	0.92 megapixel (HD)
Video	1280 x 720 (HD) at 30 fps
Diagonal viewing angle	74.9 degrees

Touchpad

Table 14. Touchpad specifications

Description	Values
Resolution:	
Horizontal	3218
Vertical	1960
Dimensions:	
Horizontal	104.40 mm (4.11 in.)
Vertical	64.40 mm (2.53 in.)

Touchpad gestures

For more information about touchpad gestures for Windows 10, see the Microsoft knowledge base article [4027871](https://support.microsoft.com/4027871) at support.microsoft.com.

Power adapter

Table 15. Power adapter specifications

Description	Values
Type	65 W
Diameter (connector)	4.5 mm x 2.9 mm
Input voltage	100 VAC-240 VAC
Input frequency	50 Hz-60 Hz
Input current (maximum)	1.60 A
Output current (continuous)	3.34 A
Rated output voltage	19.50 VDC
Temperature range:	
Operating	0°C to 40°C (32°F to 104°F)

Description	Values
Storage	–40°C to 70°C (–40°F to 158°F)

Battery

Table 16. Battery specifications

Description	Values	
Type	4-cell "smart" lithium-ion (45Whr)	4-cell "smart" lithium-ion (52Whr)
Voltage	7.60 VDC	7.60 VDC
Weight (maximum)	0.22 kg (0.49 lb)	0.22 kg (0.49 lb)
Dimensions:		
Height	4.30 mm (0.17 in.)	4.30 mm (0.17 in.)
Width	257.60 mm (10.14 in.)	257.60 mm (10.14 in.)
Depth	97.04 mm (3.82 in.)	97.04 mm (3.82 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)
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.
Charging time (approximate)	4 hours (when the computer is off)	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 Manger application. For more information on the Dell Power Manger see, <i>Me and My Dell</i> on https://www.dell.com/	i NOTE: Control the charging time, duration, start and end time, and so on using the Dell Power Manger application. For more information on the Dell Power Manger see, <i>Me and My Dell</i> on https://www.dell.com/
Life span (approximate)	300 discharge/charge cycles	300 discharge/charge cycles
Coin-cell battery	CR-2032	CR-2032
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.

Display

Table 17. Display specifications

Description	Values	
Type	13-inch FHD	13-inch UHD
Panel technology	Narrow border with wide viewing angle (WVA)	Narrow border with wide viewing angle (WVA)
Luminance (typical)	200 nits	270 nits
Dimensions (Active area):		
Height	164.94 mm (6.49 in.)	164.94 mm (6.49 in.)
Width	293.47 mm (11.55 in.)	293.47 mm (11.55 in.)
Diagonal	337.82 mm (13.30 in.)	337.82 mm (13.30 in.)
Native resolution	1920 x 1080	3840 x 2160
Megapixels	2.07	8.29
Pixels per inch (PPI)	165	331
Contrast ratio (min)	400:1	800:1
Response time (max)	35 msec rise/fall	35 msec rise/fall
Refresh rate	60 Hz	60 Hz
Horizontal view angle	+/- 85 degrees	+/- 85 degrees
Vertical view angle	+/- 85 degrees	+/- 85 degrees
Pixel pitch	0.1529 mm	0.0765 mm
Power consumption (maximum)	3.50 W	4.70 W
Anti-glare vs glossy finish	Glossy	Glossy
Touch options	Yes	Yes

Fingerprint reader

Table 18. Fingerprint reader specifications

Description	Values
Sensor technology	Capacitive
Sensor resolution	500 dpi

Description	Values
Sensor area	5.5 mm x 4.5 mm
Sensor pixel size	108 x 88 pixels

Video

Table 19. Video specifications

Integrated graphics			
Controller	External display support	Memory size	Processor
Intel UHD Graphics 620	One HDMI 2.0 port	Shared system memory	8 th Generation Intel Core i5/i7

Computer environment

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

Table 20. Computer environment

	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 3,048 m (–50 ft to 10,000 ft)	–15.2 m to 10,668 m (–50 ft to 35,000 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.

‡ Measured using a 2 ms half-sine pulse when the hard-drive head is in parked position.

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
		Mute audio
		Decrease volume
		Increase volume
		Play previous track/chapter
		Play/Pause
		Play next track/chapter
		Switch to external display
		Search
		Toggle keyboard backlight (optional)
		Decrease brightness
		Increase brightness

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
 + 	Turn off/on wireless
 + 	Pause/Break
 + 	Sleep
 + 	Toggle scroll lock
 + 	Toggle between power and battery-status light/hard-drive activity light
 + 	System request
 + 	Open application menu
 + 	Toggle Fn-key lock
 + 	Page up
 + 	Page down
 + 	Home
 + 	End

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	
Tips	
Contact Support	In Windows search, type Contact Support , and press Enter.
Online help for operating system	www.dell.com/support/windows www.dell.com/support/linux
Troubleshooting information, user manuals, setup 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 Type the subject or keyword in the Search box. 3 Click Search to retrieve the related articles.
Learn and know the following information about your product:	<p>See <i>Me and My Dell</i> at www.dell.com/support/manuals.</p> <p>To locate the <i>Me and My Dell</i> relevant to your product, identify your product through one of the following:</p> <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 on your purchase invoice, packing slip, bill, or Dell product catalog.