Inspiron 5391

Setup and Specifications

Notes, cautions, and warnings

(i) 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 5391

(i) **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.

(i) **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 operating system setup.

For Ubuntu:

Follow the on-screen instructions to complete the setup. For more information about installing and configuring Ubuntu, see the knowledge base articles SLN151664 and SLN151748 at www.dell.com/support.

For Windows:

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

- Connect to a network for Windows updates.

   (i) **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
	(i) **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 5391

Left
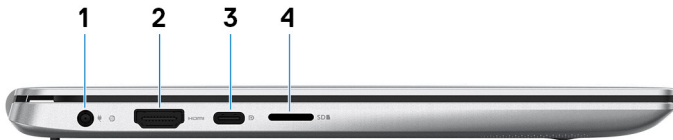
1. **Power-adapter port**

   Connect a power adapter to provide power to your computer.

2. **HDMI port**

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

3. **USB 3.1 Gen 1 (Type-C) port/DisplayPort**

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

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

4. **microSD-card slot**

   Reads from and writes to the microSD-card.

Right

1. **Micro-SIM card slot (optional)**

   Insert a micro-SIM card to connect to a mobile broadband network.
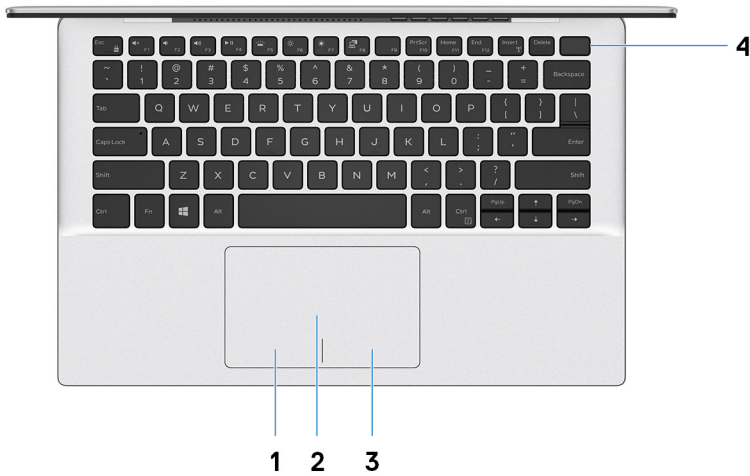
2. **Headset port**

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

3. **USB 3.1 Gen 1 port**

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

Base

1. **Left-click area**

   Press to left-click.

2. **Touchpad**

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

3. **Right-click area**

   Press to right-click.

4. **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 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.

Display
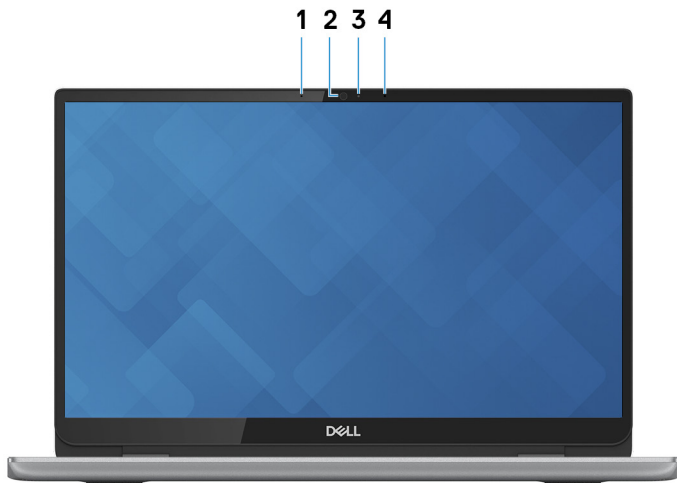
1. **Left microphone**

   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.

Specifications of Inspiron 5391

Dimensions and weight

Table 2. Dimensions and weight

Description		Values
Height:		
	Front	• Wireless Local Area Network (WLAN) – 14.90 mm (0.59 in.) • Wireless Wide Area Network (WWAN) – 16.80 mm (0.66 in.)
	Rear	• Wireless Local Area Network (WLAN) – 16.50 mm (0.65 in.) • Wireless Wide Area Network (WWAN) – 18.50 mm (0.73 in.)
Width		307.60 mm (12.11 in.)
Depth		204.50 mm (8.05 in.)
Weight (maximum)		• Wireless Local Area Network (WLAN) – 1.18 kg (2.60 lb) • Wireless Wide Area Network (WWAN) – 1.20 kg (2.65 lb) ⓘ **NOTE:** The weight of your computer depends on the configuration ordered and the manufacturing variability.

Processors

Table 3. Processors

Description	Values		
Processors	10th Generation Intel Core i3	10th Generation Intel Core i5	10th Generation Intel Core i7
Wattage	15W	15W	15W
Core count	2	4	4
Thread count	4	8	8
Speed	Up to 3.5 GHz	Up to 3.9 GHz	Up to 4.6 GHz
Cache	4 MB	6 MB	8 MB
Integrated graphics	Intel UHD Graphics	Intel UHD Graphics	Intel UHD Graphics

Chipset

Table 4. Chipset

Description	Values
Chipset	Integrated in the processor
Processor	10th Generation Intel Core i3/i5/i7
DRAM bus width	64-bit
Flash EPROM	32 MB
PCIe bus	Up to Gen3

Operating system

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

Memory

Table 5. Memory specifications

Description	Values
Slots	Onboard memory ⓘ **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	4 GB
Memory size per slot	Not supported
Configurations supported	4 GB LPDDR3 at 2133 MHz 8 GB LPDDR3 at 2133 MHz 16 GB LPDDR3 at 2133 MHz

Ports and connectors

Table 6. External ports and connectors

External:	
USB	- One USB 3.1 Gen1 port - One USB 3.1 Gen1 (Type-C) port/DisplayPort

Table 6. External ports and connectors (continued)

External:	
Audio	One headset (headphone and microphone combo) port
Video	One HDMI 1.4b port
Media card reader	One microSD-card slot
Docking port	Not supported
Power adapter port	One 4.5 mm DC-in
Security	N/A

Table 7. Internal ports and connectors

Internal:	
M.2	- One M.2 2230 slot for Wi-Fi and Bluetooth combo card - One M.2 3042 slot for WWAN or M.2 2230 solid-state drive - One M.2 slot for one of the following: - Solid-state drive (2230/2280) - Intel Optane Memory H10 with solid-state storage (2280) ⓘ **NOTE:** To learn more about the features of different types of M.2 cards, see the knowledge base article SLN301626.

Communications

WLAN module

Table 8. WLAN module specifications

Description	Values	
Model number	Intel 9560	Intel 9462
Transfer rate	Up to 1730 Mbps	Up to 433 Mbps
Frequency bands supported	2.4 GHz/5 GHz	2.4 GHz/5 GHz
Wireless standards	- WiFi 802.11a/b/g - Wi-Fi 4 (WiFi 802.11n) - Wi-Fi 5 (WiFi 802.11ac)	- WiFi 802.11a/b/g - Wi-Fi 4 (WiFi 802.11n) - Wi-Fi 5 (WiFi 802.11ac)
Encryption	64-bit/128-bit WEP - AES-CCMP - TKIP	64-bit/128-bit WEP - AES-CCMP - TKIP
Bluetooth	Bluetooth 5.0	Bluetooth 5.0

WWAN module

Table 9. WWAN module specifications

Description	Values
Model number	Intel 7360 (DW5820e)
Transfer rate	Up to 450 Mbps DL/50 Mbps UL (Cat 9)
Frequency bands supported	- LTE FDD: 450 Mbps DL/50 Mbps UL (Cat 9) - LTE TDD: B347 Mbps DL/30 Mbps UL (Cat 9) - UMTS/HSPA+: UMTS 384 Kbps DL/384 Kbps UL
Wireless standards	- LTE Category 16 - UMTS/HSPA+
Encryption	Not supported
Global Navigation Satellite System (GNSS)	Supports GPS, BDS, and GLONASS

Audio

Table 10. Audio specifications

Description		Values
Controller		Realtek ALC3204
Stereo conversion		Supported
Internal interface		Intel HDA
External interface		Headset Combo Connector
Speakers		2
Internal speaker amplifier		Supported
External volume controls		Keyboard shortcut controls
Speaker output:		
	Average	2 W
	Peak	2.5 W
Subwoofer output		Not supported
Microphone		Dual-array microphones

Storage

Your computer supports one of the following configurations:

- One M.2 2230/2280 solid-state drive
- One M.2 2230/2280 solid-state drive and one M.2 2230 solid-state drive
- One M.2 card (solid-state drive or Intel Optane Memory H10 with solid-state storage)

Table 11. Storage specifications

Form factor	Interface type	Capacity
One M.2 2230/2280 solid-state drive	PCIe Gen3.0x4 NVMe, up to 32 Gbps	Up to 512GB
One M.2 2230 solid-state drive	PCIe Gen3.0x2 NVMe, up to 16 Gbps	Up to 512GB
M.2 2280 Intel Optane Memory H10 with solid-state storage	Solid-state storage: PCIe Gen 3.0x2 NVMe	Not supported

Intel Optane Memory H10 with solid-state storage (optional)

Intel Optane 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 12. Intel Optane Memory H10 with solid-state storage specifications

Description	Values
Interface	PCIe 3.0 x4 NVMe ● One PCIe 3.0 x4 for Optane memory ● One PCIe 3.0 x2 for solid-state storage
Connector	M.2
Form factor	2230/2280
Capacity (Optane memory)	Up to 32 GB
Capacity (solid-state storage)	Up to 512 GB

(i) **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

Table 13. Media-card reader specifications

Description	Values
Type	One microSD-card slot
Cards supported	microSecure Digital (mSD)

Keyboard

Table 14. Keyboard specifications

Description	Values
Type	• Standard non-backlit keyboard • Backlit keyboard
Layout	QWERTY
Number of keys	• United states and Canada: 81 keys • United Kingdom: 82 Keys • Japan: 85 keys
Size	X= 18.70 mm key pitch Y= 18.05 mm key pitch
Shortcut keys	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. Keyboard shortcuts

Camera

Table 15. Camera specifications

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

Touchpad

Table 16. Touchpad specifications

Description	Values
Resolution:	

Table 16. Touchpad specifications (continued)

Description		Values
	Horizontal	1920
	Vertical	1080
Dimensions:		
	Horizontal	105 mm (4.13 in.)
	Vertical	65 mm (2.56 in.)

Touchpad gestures

For more information about touchpad gestures for Windows 10, see the Microsoft knowledge base article 4027871 at support.microsoft.com.

Power adapter

Table 17. Power adapter specifications

Description		Values
Type		E65W
Diameter (connector)		4.5 mm x 2.9 mm
Input voltage		100 VAC - 240 VAC
Input frequency		50 Hz - 60 Hz
Input current (maximum)		1.6 A
Output current (continuous)		3.34 A
Rated output voltage		19.5 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)

Battery

Table 18. Battery specifications

Description	Values
Type	4-cell "smart" lithium-ion
Voltage	7.6 VDC
Weight (maximum)	0.22 kg (0.485 lb)
Dimensions:	

Table 18. Battery specifications (continued)

Description		Values
	Height	257.85 mm (10.15 in)
	Width	98.8 mm (3.89 in)
	Depth	4.3 mm (0.169 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)
Operating time		Varies depending on operating conditions and can reduce under certain power-intensive conditions
Charging time (approximate)		4 hours (when the computer is off) ⓘ **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 https://www.dell.com/.
Coin-cell battery		CR2032
Operating time		Varies depending on operating conditions and can reduce under certain power-intensive conditions

Display

Table 19. Display specifications

Description	Values	
Type	Full High Definition (FHD)	Full High Definition (FHD)
Panel technology	Wide Viewing Angle	Wide Viewing Angle
Luminance (typical)	300 nits	300 nits
Dimensions (Active area):		
Height	165.24 mm (6.5 in)	165.24 mm (6.5 in)
Width	293.76 mm (11.6 in)	293.76 mm (11.6 in)
Diagonal	337.04 mm (13.3 in)	337.04 mm (13.3 in)
Native resolution	1920 x 1080 (FHD, non-touch)	1920 x 1080 (FHD, touch)
Megapixels	2.07	2.07
Color gamut	72% (sRGB)	72% (sRGB)
Pixels per inch (PPI)	166	166
Contrast ratio (min)	400:1	400:1
Response time (max)	35 ms	35 ms

Table 19. Display specifications (continued)

Description	Values	
Refresh rate	60 Hz	60 Hz
Horizontal view angle	+/- 80 degrees	+/- 80 degrees
Vertical view angle	+/- 80 degrees	+/- 80 degrees
Pixel pitch	0.153 mm	0.153 mm
Power consumption (maximum)	4.6 W	4.8 W
Anti-glare vs glossy finish	Glossy	Anti-glare
Touch options	Not supported	Supported

Fingerprint reader (optional)

Table 20. Fingerprint reader specifications

Description	Values
Sensor technology	Capacitive
Sensor resolution	500 ppi dpi
Sensor area	4.06 mm x 3.25 mm
Sensor pixel size	80 x 64 pixels

Video

Table 21. Discrete graphics specifications

Discrete graphics			
Controller	**External display support**	**Memory size**	**Memory type**
NVIDIA GeForce MX250	Not supported	2 GB	DDR5

Table 22. Integrated graphics specifications

Integrated graphics			
Controller	**External display support**	**Memory size**	**Processor**
Intel UHD Graphics	One HDMI 1.4 port	Shared system memory	10th Generation Intel Core i3/i5/i7

Computer environment

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

Table 23. 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)	10% 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 (−50 ft to 10,000 ft)	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

ⓘ **NOTE:** Keyboard characters may differ depending on the keyboard language configuration. Keys used for shortcuts remain the same across all language configurations.
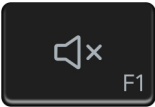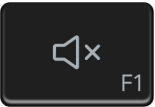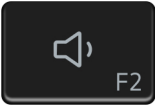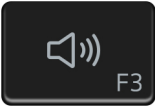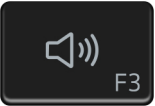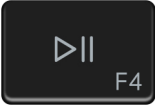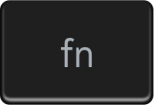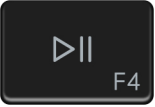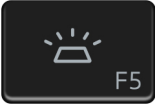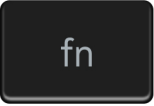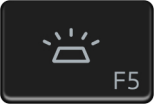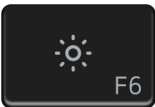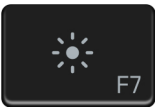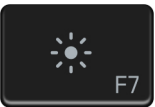
Some keys on your keyboard have two symbols on them. These keys can be used to type alternate characters or to perform secondary functions. The symbol shown on the lower part of the key refers to the character that is typed out when the key is pressed. If you press shift and the key, the symbol shown 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).
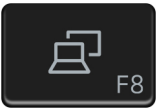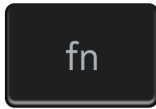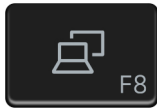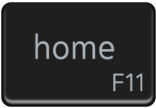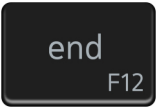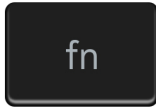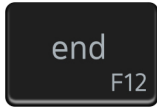
However, if the function keys F1-F12 are needed for specific software applications, multi-media functionality can be disabled by pressing **Fn** + **Esc**. Subsequently, multi-media control can be invoked by pressing **Fn** and the respective function key. For example, mute audio by pressing **Fn** + **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 24. List of keyboard shortcuts
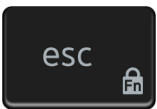
Function key	Redefined key (for multimedia control)	Behavior
🔇 F1	fn + 🔇 F1	Mute audio
🔉 F2	fn + 🔉 F2	Decrease volume
🔊 F3	fn + 🔊 F3	Increase volume
⏯ F4	fn + ⏯ F4	Play/Pause
⌨ F5	fn + ⌨ F5	Toggle keyboard backlight (optional) ⓘ **NOTE:** Non-backlight keyboards have F10 function key without the backlight icon and does not support toggle keyboard backlight function.
☀ F6	fn + ☀ F6	Decrease brightness
☀ F7	fn + ☀ F7	Increase brightness

Table 24. List of keyboard shortcuts (continued)

Function key	Redefined key (for multimedia control)	Behavior
F8	fn + F8	Switch to external display
prt sc F10	fn + prt sc F10	Print Screen
home F11	fn + home F11	Home
end F12	fn + end F12	End

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

Table 25. List of keyboard shortcuts

Function key	Behavior
fn + B	Pause/Break
fn + S	Toggle scroll lock
fn + R	System request
fn + H	Toggle between power and battery-status light/hard-drive activity light
fn + ctrl	Open application menu
fn + esc	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 26. 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
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 for your Dell Laptop.
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.