Inspiron 5482

Setup and Specifications

Computer Model: Inspiron 5482
Regulatory Model: P93G
Regulatory Type: P93G001

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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1

Set up your Inspiron 5482

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

	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. **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.
	Dell Digital Delivery Download software applications, which are purchased but not pre-installed on your computer.

4 Create recovery drive for Windows.

NOTE: It is recommended to create a recovery drive to troubleshoot and fix problems that may occur with Windows.

For more information, see Create a USB recovery drive for Windows.

2

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.

3

Views of Inspiron 5482

Right

1 **SD-card slot**

Reads from and writes to the SD card.

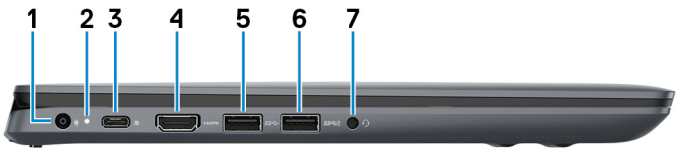
2 **USB 2.0 port**

Connect peripherals such as external storage devices and printers. Provides data transfer speeds up to 480 Mbps.

3 **Security-cable slot (for Noble locks)**

Connect a security cable to prevent unauthorized movement of your computer.

Left



1 **Power-adapter 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 **USB 3.1 (Type-C) port/DisplayPort**

Connect peripherals such as external storage devices, printers, and external displays. Provides data transfer speeds up to 10 Gbps.

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

4 **HDMI port**

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

5 **USB 3.1 Gen 1 port**

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

6 **USB 3.1 Gen 1 port with PowerShare**

Connect peripherals such as external storage devices and printers.

Provides data transfer speeds up to 5 Gbps. PowerShare enables you to charge your USB devices even when your computer is turned off.

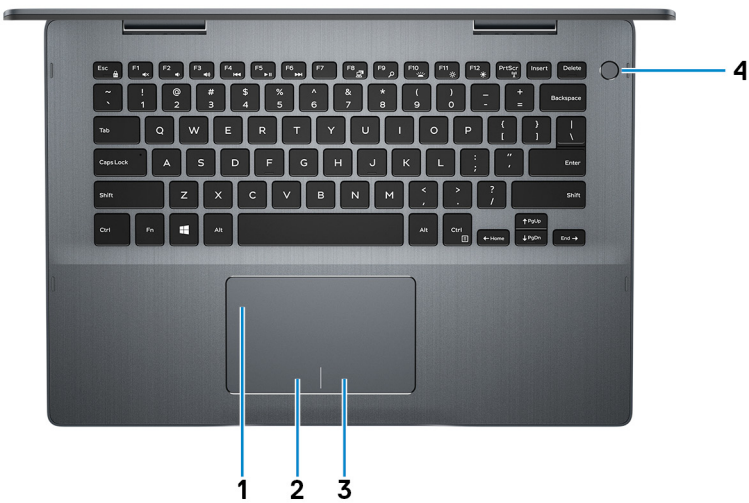
NOTE: If your computer is turned off or in hibernate state, you must connect the power adapter to charge your devices using the PowerShare port. You must enable this feature in the BIOS setup program.

NOTE: Certain USB devices may not charge when the computer is turned off or in sleep state. In such cases, turn on the computer to charge the device.

7 **Headset port**

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

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 optional fingerprint reader**

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

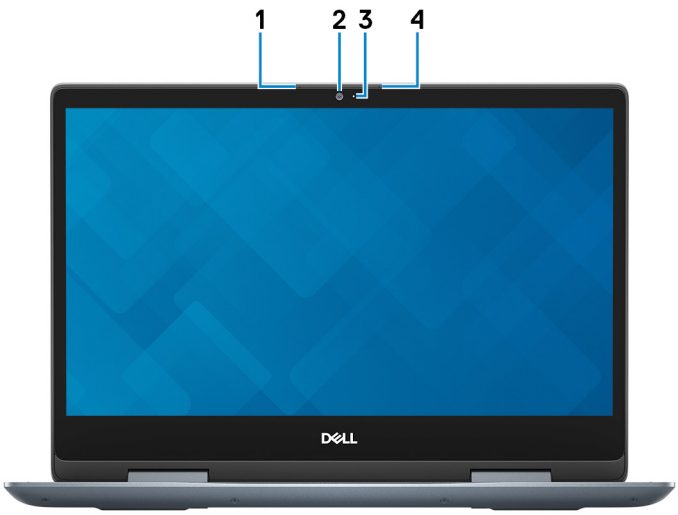
When the computer is turned on, press the power button to put the computer into sleep state; press and hold the power button for 4 seconds to force shut-down the computer.

If the power button has a fingerprint reader, place your finger on the power button to log in.

NOTE: Before using the fingerprint reader, configure it in Windows to recognize your fingerprint as a passcode and enable access. For more information, see www.dell.com/support/windows.

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

4

Specifications of Inspiron 5482

Computer model

Inspiron 5482

Dimensions and weight

Table 2. Dimensions and weight

Height:	
Front	19.74 mm (0.78 in.)
Rear	19.95 mm (0.79 in.)
Width	328 mm (12.91 in.)
Depth	232.80 mm (9.17 in.)
Weight (maximum)	1.86 kg (4.10 lb)

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

Processors

Table 3. Processor specifications

Processor	8th Generation Intel Core i3	8th Generation Intel Core i5	8th Generation Intel Core i7
Wattage	65 W	65 W	65 W
Core count	2	4	4
Thread count	4	8	8
Speed	Up to 2.1 GHz	Up to 2.1 GHz	Up to 2.1 GHz
L2 cache	256 KB	256 KB	256 KB
L3 cache	4 MB	6 MB	8 MB
Integrated graphics	Intel UHD Graphics 620	Intel UHD Graphics 620	Intel UHD Graphics 620

Chipset

Table 4. Chipset specifications

Chipset	Integrated into the processor
Processor	8th Generation Intel Core i3/i5/i7
DRAM bus width	64-bit
Flash EPROM	16 MB
PCIe bus	Up to PCIe Gen3
External bus frequency	Up to 8 GT/s

Operating system

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

Memory

Table 5. Memory specifications

Slots	Two SODIMM slots
Type	DDR4
Speed	2666 MHz **NOTE: The 2666 MHz memory functions at 2400 MHz with 8th Generation Intel Core processors.**
Maximum memory	16 GB
Minimum memory	4 GB
Memory per slot	4 GB, 8 GB, and 16 GB
Configurations supported	• 4 GB DDR4 at 2400 MHz (1 x 4 GB) • 8 GB DDR4 at 2400 MHz (1 x 8 GB) • 8 GB DDR4 at 2400 MHz (2 x 4 GB) • 12 GB DDR4 at 2400 MHz (4 GB + 8 GB) • 16 GB DDR4 at 2400 MHz (1 x 16 GB) • 16 GB DDR4 at 2400 MHz (2 x 8 GB)

Ports and connectors

Table 6. Ports and connectors specifications

External:	
Network	Not supported
USB	• One USB 2.0 port • One USB 3.1 Gen 1 port • One USB 3.1 Gen 1 port with PowerShare • One USB 3.1 (Type-C) port/DisplayPort
Audio	One headset port
Video	One HDMI 1.4b port
Media-card reader	One SD-card slot
Micro subscriber identity module (uSIM) card	Not supported
Docking port	Not supported
Express card	Not supported
Power adapter port	One power-adapter port
Smart card reader	Not supported
Security	Noble lock
Legacy ports	Not supported
Internal:	
Expansion	Not supported
M.2	• One M.2 slot for Wi-Fi and Bluetooth combo card • One M.2 slot for M.2 2280, M.2 2242, or M.2 2230 solid-state drive

Communications

Wireless module

Table 7. Wireless module specifications

Model number	Qualcomm QCA9377 (DW1810)	Intel 9462	Intel 9560
Transfer rate	Up to 433 Mbps	Up to 433 Mbps	Up to 867 Mbps

Frequency bands supported	Dual band 2.4 GHz/5 GHz	Dual band 2.4 GHz/5 GHz	Dual band 2.4 GHz/5 GHz
Wireless standards	Wi-Fi 802.11ac	Wi-Fi 802.11ac	Wi-Fi 802.11ac
Encryption	• 64-bit/128-bit WEP • AES-CCMP • TKIP	• 64-bit/128-bit WEP • AES-CCMP • TKIP	• 64-bit/128-bit WEP • AES-CCMP • TKIP
Bluetooth	Bluetooth 4.2	Bluetooth 5.0	Bluetooth 5.0

Audio

Table 8. Audio specifications

Type		Realtek High Definition Audio
Controller		Realtek ALC3204
Stereo conversion		Supported
Internal interface		High-definition audio
External interface		Headset combo connector
Speakers		Two
Internal speaker amplifier		Not supported
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

Table 9. Storage specifications

Storage type	Interface type	Capacity
One 2.5-inch hard drive	SATA AHCI 6 Gbps	Up to 2 TB
One M.2 2280 solid-state drive	• SATA AHCI 6 Gbps • PCIe NVMe up to 32 Gbps (for Intel Core processor)	Up to 512 GB

Intel Optane memory (optional)

Intel Optane memory functions only as a storage accelerator. It neither replaces nor adds to the memory (RAM) installed on your computer.

NOTE: Intel Optane memory is supported on computers that meet the following requirements:

- 7th Generation or higher Intel Core i3/i5/i7 processor
- Windows 10 64-bit version or higher (Anniversary Update)
- Intel Rapid Storage Technology driver version 15.9.1.1018 or higher

Table 10. Intel Optane memory specifications

Type	Storage accelerator
Interface	PCIe 3.0x2
Connector	M.2 2280
Configurations supported	16 GB and 32 GB
Capacity	Up to 32 GB

Media-card reader

Table 11. Media-card reader specifications

Type	One SD card slot
Cards supported	• Secure Digital (SD) • Secure Digital High Capacity (SDHC) • SD Extended Capacity (SDXC)

Keyboard

Table 12. Keyboard specifications

Type	• Standard keyboard • Backlit keyboard
Layout	QWERTY
Number of keys	• United States and Canada: 82 keys • United Kingdom: 83 keys • Japan: 86 keys
Size	• X = 19.05 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) by changing Function Key Behavior in BIOS setup program.** Keyboard shortcuts

Camera

Table 13. Camera specifications

Number of cameras	One
Type	HD fixed focus
Location	Front camera
Sensor type	CMOS sensor technology
Resolution:	
Camera:	
Still image	0.92 megapixel (HD)
Video	1280 x 720 (HD) at 30 fps
Infrared camera:	
Still image	Not supported
Video	Not supported
Diagonal viewing angle:	
Camera	78.6 degrees
Infrared camera	Not supported

Touchpad

Table 14. Touchpad specifications

Resolution:	
Horizontal	1229
Vertical	929
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 15. Power adapter specifications

Type	45 W	65 W
Diameter (connector)	4.5 mm	4.5 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	1.70 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

Table 16. Battery specifications

Type	3-cell Primus (42 WHr)
Voltage	11.40 VDC
Weight (maximum)	0.2 kg (0.44 lb)
Dimensions:	
Height	5.90 mm (0.23 in.)
Width	184.15 mm (7.25 in.)
Depth	97.15 mm (3.82 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 significantly reduce under certain power-intensive conditions.
Charging time (approximate)		5.5 hours (when the computer is off) **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, *Me and My Dell* on https://www.dell.com/**
Life span (approximate)		300 discharge/charge cycles
Coin-cell battery		CR-2032

Display

Table 17. Display specifications

Type		14-inch FHD touch
Panel technology		In-plane switching MPP
Luminance (typical)		• 220 nits (before touch) • 187 nits (after touch)
	Height	173.99 mm (6.85 in.)
	Width	309.35 mm (12.18 in.)
	Diagonal	355.60 mm (14 in.)
Native resolution		1920 x 1080
Megapixels		2.07
Pixels Per Inch (PPI)		157
Contrast ratio (minimum)		600:1
Response time (maximum)		35 msec rise/fall
Refresh rate		60 Hz
Horizontal view angle		+/- 80 degrees
Vertical view angle		+/- 80 degrees
Pixel pitch		0.161 mm
Power consumption (maximum)		3.5 W

Anti-glare vs glossy finish	TrueLife with Cover Glass (CG)
Touch options	Yes

Fingerprint reader (optional)

Table 18. Fingerprint reader specifications

Sensor technology	Capacitive
Sensor resolution	108 pixels x 88 pixels
Sensor area	5.5 mm x 4.5 mm
Sensor pixel size	114 x 114 pixels

Video

Table 19. Integrated graphics specifications

The following table provides the detailed integrated graphics specifications of Inspiron 5482.

Controller	External display support	Memory size	Processor
Intel UHD Graphics 620	One HDMI 1.4b port	Shared system memory	8th Generation Intel Core i3/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.

5

Keyboard shortcuts

NOTE: Keyboard characters may differ depending on the keyboard language configuration. Keys used for shortcuts remain the same across all language configurations.

Table 21. List of keyboard shortcuts

Keys	Description
F1	Mute audio
F2	Decrease volume
F3	Increase volume
F4	Play previous track/chapter
F5	Play/Pause
F6	Play next track/chapter
F8	Switch to external display
F9	Search
F10	Toggle keyboard backlight
F11	Decrease brightness
F12	Increase brightness
Fn + PrtScr	Turn off/on wireless
Fn + S	Toggle scroll lock
Fn + Esc	Toggle Fn-key lock
Fn + B	Pause/Break
Fn + Insert	Sleep
Fn + R	System request
Fn + Ctrl	Open application menu

Keys	Description
Fn + H	Toggle between battery-status light and hard-drive activity light **NOTE: Hard-drive activity light is supported only on computers shipped with a hard drive.**

6

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 22. Self-help resources

Information about Dell products and services	www.dell.com
Dell Help & Support app	
Accessing help	In Windows search, type `Help and Support`, and press Enter.
Online help for operating system	www.dell.com/support/windows
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.	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: • Product specifications • Operating system • Setting up and using your product • Data backup • Troubleshooting and diagnostics • Factory and system restore • BIOS information	See *Me and My Dell* at www.dell.com/support/manuals. To locate the *Me and My Dell* relevant to your product, identify your product through one of the following: • 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 and product, and some services may not be available in your country.

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.