

Inspiron 5582

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 5582

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> |

NOTE: In SupportAssist, click the warranty expiry date to renew or upgrade your warranty.

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.

- 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](#).

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 5582

Right



1 **SD-card slot**

Reads from and writes to the SD card.

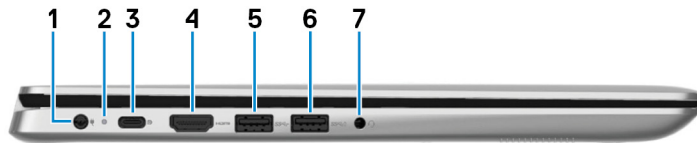
2 **USB 2.0 port**

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

3 **Security-cable slot (wedge-shaped)**

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

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 USB 3.1 Gen 1 Type-C port with PowerShare

Connect peripherals such as an external storage device, printer, Type-C docking station or an external display.

Provides data transfer speeds up to 5 Gbps. Supports Power Delivery that enables two-way power supply between devices. Provides up to 15 W power output that enables faster charging.

NOTE: If the charge on your computer's battery is less than 10 percent, you must connect the power adapter to charge your computer, and USB devices connected to the PowerShare port. PowerShare enables you to charge your USB devices even when your computer is turned off.

NOTE: Your computer supports USB Type-C charging. If you need an additional power adapter, search for a compatible 45 W Dell USB-C power adapter at www.dell.com.

NOTE: To expand the number of ports and connectors on your system, connect your computer to a USB Type-C docking station. Search for a compatible USB Type-C docking station at www.dell.com.

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.

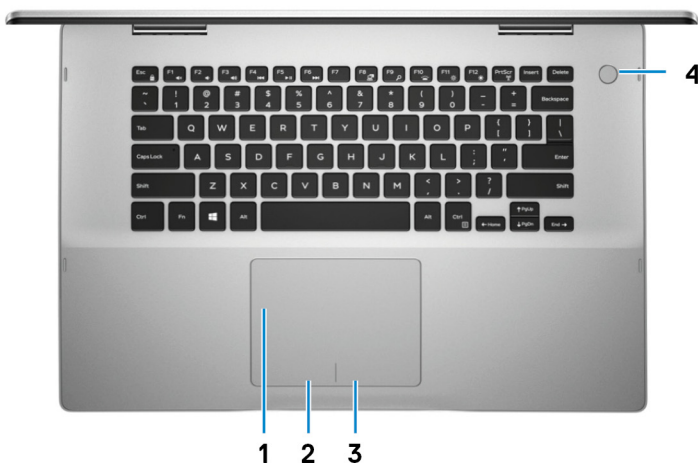
NOTE: If your computer is turned off or in hibernate state, you must connect the power adapter to charge your devices using the PowerShare port. You must enable this feature in the BIOS setup program.

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: 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.

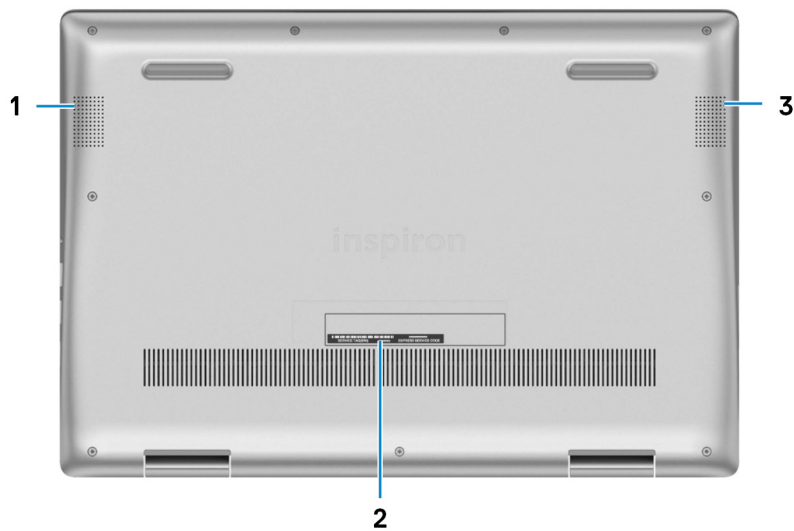
3 Camera-status light

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 5582

Computer model

Inspiron 5582

Dimensions and weight

Table 2. Dimensions and weight

| Description | Values |
|------------------|----------------------|
| Height: | |
| Front | 18.72 mm (0.74 in.) |
| Rear | 19.95 mm (0.79 in.) |
| Width | 363.86 (14.33 in.) |
| Depth | 250.00 mm (9.84 in.) |
| Weight (maximum) | 2.19 kg (4.82 lb) |

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

Processors

Table 3. Processor specifications

| Description | Values | Values | Values |
|--------------|--|--|--|
| Processor | 8 th Generation Intel Core i3 | 8 th Generation Intel Core i5 | 8 th Generation Intel Core i7 |
| Wattage | 15 W | 15 W | 15 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 |

| Description | Values | Values | Values |
|---------------------|------------------------|------------------------|------------------------|
| Integrated graphics | Intel UHD Graphics 620 | Intel UHD Graphics 620 | Intel UHD Graphics 620 |

Chipset

Table 4. Chipset specifications

| Description | Values |
|------------------------|--|
| Chipset | Integrated into the processor |
| Processor | 8 th 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

| Description | Values |
|--------------------------|--|
| Slots | Two SODIMM slots |
| Type | DDR4 |
| Speed | 2666 MHz |
| | <div> <i>i</i> NOTE: The 2666 MHz memory functions at 2400 MHz with 8th Generation Intel Core processors. </div> |
| Maximum memory | 16 GB |
| Minimum memory | 4 GB |
| Memory per slot | 4 GB, 8 GB, and 16 GB |
| Configurations supported | <ul style="list-style-type: none"> • 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

| Description | Values |
|--|---|
| External: | |
| Network | Not supported |
| USB | <ul style="list-style-type: none"> • 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 | Wedge-shaped lock |
| Legacy ports | Not supported |
| Internal: | |
| Expansion | Not supported |
| M.2 | <ul style="list-style-type: none"> • One M.2 slot for WiFi 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

| Description | Values | Values |
|---------------------------|--|--|
| Model number | Intel 9462 | Intel 9560 |
| Transfer rate | 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 |
| Wireless standards | WiFi 802.11b/g/a/n/ac | WiFi 802.11b/g/a/n/ac |
| Encryption | <ul style="list-style-type: none">• 64-bit/128-bit WEP• AES-CCMP• TKIP | <ul style="list-style-type: none">• 64-bit/128-bit WEP• AES-CCMP• TKIP |
| Bluetooth | Bluetooth 5.0 | Bluetooth 5.0 |

Audio

Table 8. Audio specifications

| Description | Values |
|----------------------------|-----------------------------------|
| 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 | Integrated |
| External volume controls | Using media-control shortcut keys |
| Speaker output: | |
| Average | 2 W |
| Peak | 2.5 W |
| Subwoofer output | Not supported |

| Description | Values |
|-------------|---------------------------|
| Microphone | Digital-array microphones |

Storage

Table 9. Storage specifications

| Storage type | Interface type | Capacity |
|----------------------------|-------------------------|--------------|
| 2.5-inch hard drive | SATA AHCI 6 Gbps | Up to 2 TB |
| M.2 2230 solid-state drive | PCIe NVMe up to 16 Gbps | Up to 512 GB |
| M.2 2280 Intel Optane | PCIe NVMe | Up to 32 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

| Description | Values |
|--------------------------|---------------------|
| 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

| Description | Values |
|-----------------|---|
| Type | One SD card slot |
| Cards supported | <ul style="list-style-type: none"> • Secure Digital (SD) • Secure Digital High Capacity (SDHC) • SD Extended Capacity (SDXC) |

Keyboard

Table 12. Keyboard specifications

| Description | Values |
|----------------|---|
| Type | <ul style="list-style-type: none">Standard keyboardBacklit keyboard |
| Layout | QWERTY |
| Number of keys | <ul style="list-style-type: none">United States and Canada: 80 keysUnited Kingdom: 81 keysJapan: 84 keys |
| Size | <ul style="list-style-type: none">X = 19.05 mm key pitchY = 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> <p>Keyboard shortcuts</p> |

Camera

Table 13. Camera specifications

| Description | Values |
|-------------------|---------------------------|
| 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 |

| Description | Values |
|-------------------------|---------------|
| Video | Not supported |
| Diagonal viewing angle: | |
| Camera | 78.6 degrees |
| Infrared camera | Not supported |

Touchpad

Table 14. Touchpad specifications

| Description | Values |
|-------------|-------------------|
| Resolution: | |
| Horizontal | 1229 |
| Vertical | 929 |
| Dimensions: | |
| Horizontal | 105 mm (4.13 in.) |
| Vertical | 80 mm (3.15 in.) |

Touchpad gestures

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

Power adapter

Table 15. Power adapter specifications

| Description | Values |
|-----------------------------|-----------------|
| Type | 45 W |
| Diameter (connector) | 4.5 mm |
| Input voltage | 100 VAC-240 VAC |
| Input frequency | 50 Hz-60 Hz |
| Input current (maximum) | 1.30 A |
| Output current (continuous) | 2.31 A |
| Rated output voltage | 19.50 VDC |

| Description | Values |
|--------------------|--------------------------------|
| 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 16. Battery specifications

| Description | Values |
|-----------------------------|--|
| 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 Manager application. For more information on the Dell Power Manager see, <i>Me and My Dell</i> on https://www.dell.com/ |
| Life span (approximate) | 300 discharge/charge cycles |
| Coin-cell battery | CR-2032 |

Display

Table 17. Display specifications

| Description | Values |
|------------------|--------------------|
| Type | 15-inch FHD touch |
| Panel technology | Wide viewing angle |

| Description | Values |
|-----------------------------|---------------------------|
| Luminance (typical) | 200 nits |
| Dimensions (active area): | |
| Height | 344.16 mm (13.6 in.) |
| Width | 193.59 mm (7.60 in.) |
| Diagonal | 394.87 mm (15.6 in.) |
| Native resolution | 1920 x 1080 |
| Megapixels | 2.07 |
| Pixels Per Inch (PPI) | 141 |
| Contrast ratio (minimum) | 700:1 |
| Response time (maximum) | 35 milliseconds rise/fall |
| Refresh rate | 60 Hz |
| Horizontal view angle | +/- 85 degrees |
| Vertical view angle | +/- 85 degrees |
| Pixel pitch | 0.179 |
| Power consumption (maximum) | 4.2 W |
| Anti-glare vs glossy finish | Glossy |
| Touch options | Yes |

Video

Table 18. Integrated graphics specifications

The following table provides the detailed integrated graphics specifications of Inspiron 5582.

| Controller | External display support | Memory size | Processor |
|------------------------|--------------------------|----------------------|--|
| Intel UHD Graphics 620 | One HDMI 1.4b port | Shared system memory | 8 th Generation Intel Core i3/i5/i7 |

Computer environment

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

Table 19. 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 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.

Table 20. List of keyboard shortcuts

| Keys | Description |
|---|-----------------------------|
|  | Mute audio |
|  | Decrease volume |
|  | Increase volume |
|  | Play previous track/chapter |
|  | Play/Pause |
|  | Play next track/chapter |
|  | Switch to external display |
|  | Search |
|  | Toggle keyboard backlight |
|  | Decrease brightness |
|  | Increase brightness |
|  +  | Turn off/on wireless |
|  +  | Toggle scroll lock |
|  +  | Toggle Fn-key lock |
|  +  | Pause/Break |
|  +  | Sleep |
|  +  | System request |
|  +  | Open application menu |

Keys



Description

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.

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 21. 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, 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 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.