

# Inspiron 15 5000

## 2-in-1

## Setup and Specifications

**Computer Model:** Inspiron 15-5579  
**Regulatory Model:** P58F  
**Regulatory Type:** P58F001



# Notes, cautions, and warnings

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**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 computer

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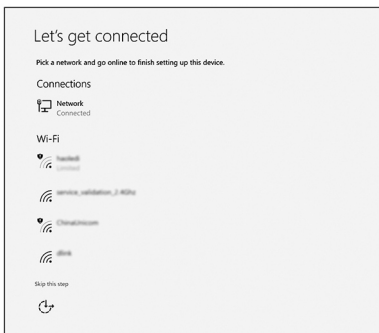
- 1 Connect the power adapter and press the power button.



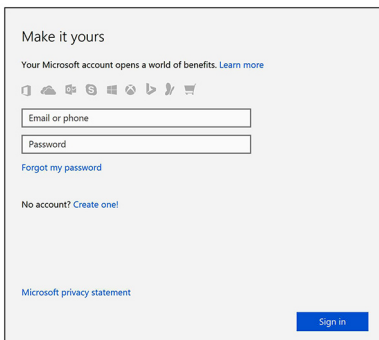
2 Finish operating system setup.

**For Windows:**

a) Connect to a network.



b) Sign-in to your Microsoft account or create a new account.



**For Ubuntu:**

Follow the instructions on the screen to finish setup.

3 Locate Dell apps in Windows.

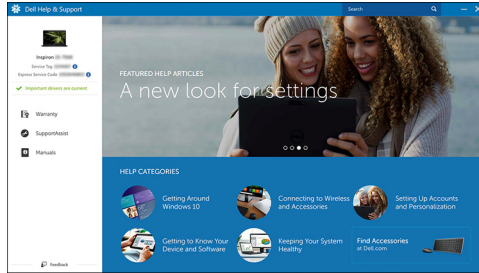
**Table 1. Locate Dell apps**



Register your computer



Dell Help & Support



SupportAssist—Check and update your computer

4 Create recovery drive for Windows. 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

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Dell recommends that you 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:** 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**.



**NOTE:** This process may take several minutes to complete.

- 8 Click **Finish**.

## Reinstall Windows using a USB recovery drive



**CAUTION:** This process formats the hard drive and removes all data on your computer. Ensure that you back up data on your computer before beginning this task.



**NOTE:** Before reinstalling Windows, ensure your computer has more than 2 GB of memory and more than 32 GB of storage space.

- 1 Connect the USB recovery drive to your computer.
- 2 Restart your computer.



- 3 Press F12 after the Dell logo is displayed on the screen to access the boot menu. A **Preparing one-time boot menu** message appears.
- 4 After the boot menu loads, select the USB recovery device under **UEFI BOOT**. The system reboots and a screen to **Choose the keyboard layout** is displayed.
- 5 Choose your keyboard layout.
- 6 In the **Choose an option** screen, click **Troubleshoot**.
- 7 Click **Recover from a drive**.
- 8 Choose one of the following options:
  - **Just remove my files** to do a quick format.
  - **Fully clean the drive** to do a complete format.
- 9 Click **Recover** to start the recovery process.

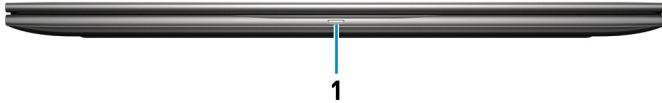
This will take several minutes to complete and your computer will restart during this process.



# Views

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## Front



### 1 Power and battery-status light/hard-drive activity light

Indicates the battery-charge status or the hard-drive activity.

 **NOTE: Press Fn+H to toggle this light between power and battery-status light and hard-drive activity light.**

#### Hard-drive activity light

Turns on when the computer reads from or writes to the hard drive.

#### Power and battery-status light

Indicates the power and battery-charge status.

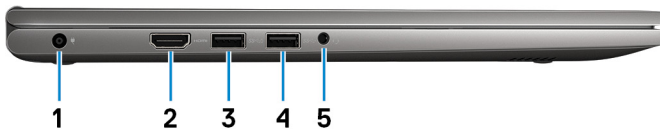
**Solid white** — Power adapter is connected and the battery has more than 5% charge.

**Amber** — Computer is running on battery and the battery has less than 5% charge.

#### Off

- Power adapter is connected and the battery is fully charged.
- Computer is running on battery and the battery has more than 5% charge.
- Computer is in sleep state, hibernation, or turned off.

## Left



### 1 Power-adaptor port

Connect a power adaptor to provide power to your computer.

### 2 HDMI 1.4b port

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

### 3 USB 3.1 Gen 1 port with PowerShare

Connect peripherals such as 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 adaptor 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.**

### 4 USB 3.1 Gen 1 port

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

### 5 Headset port

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

## Right



### 1 Power button

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

Press to put the computer in sleep state if it is turned on.

Press and hold for 4 seconds to force shut-down the computer.





**NOTE:** You can customize the power-button behavior in Power Options. For more information, see *Me and My Dell* at [www.dell.com/support/manuals](http://www.dell.com/support/manuals).

2 **Volume-control button**

Press to increase or decrease the volume.

3 **SD-card slot**

Reads from and writes to the SD card.

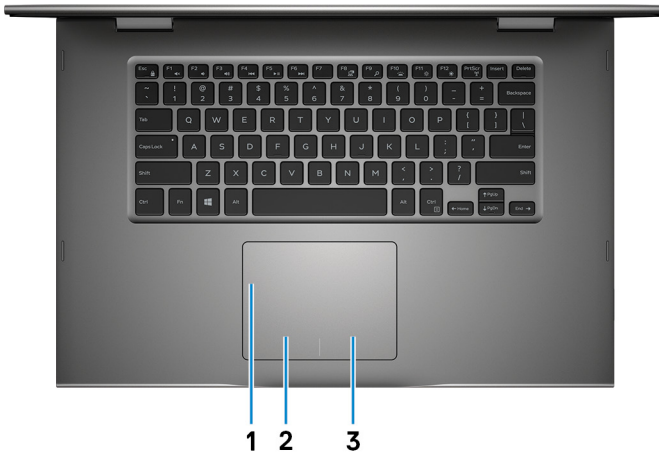
4 **USB 2.0 port**

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

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

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

## 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.

## Display



### 1 **Left microphone**

Provides digital sound input for audio recording and voice calls.

### 2 **Infrared emitter (optional)**

Emits infrared light, which enables the infrared camera to sense depth and track motion.

### 3 **Infrared camera (optional)**

Depth-sensing feature of the camera enhances security when paired with Windows Hello face authentication.

### 4 **Camera**

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

### 5 **Camera-status light**

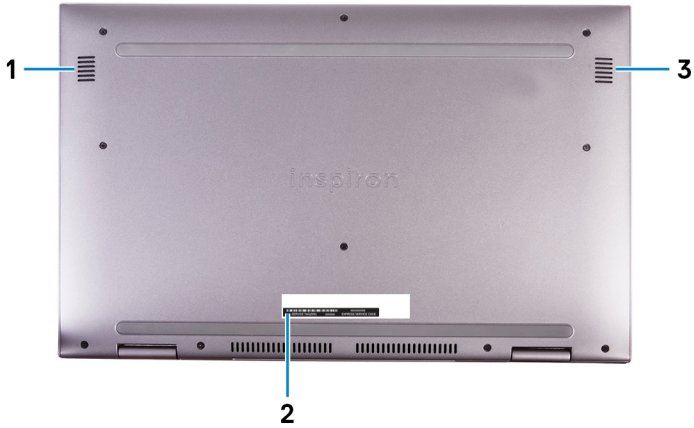
Turns on when the camera is in use.

### 6 **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

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## Computer model

**Table 2. Computer model**

Computer model	Inspiron 15-5579
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## Dimensions and weight

**Table 3. Dimensions and weight**

Height	20.20 mm (0.80 in)
Width	380.90 mm (15 in)
Depth	253.10 mm (9.96 in)
Weight (maximum)	2.20 kg (4.85 lb)



**NOTE: The weight of your laptop varies depending on the configuration ordered and the manufacturing variability.**

## System information

**Table 4. System information**

Processor	8 <sup>th</sup> generation Intel Core i5/i7
Chipset	Integrated in processor

## Operating system

**Table 5. Operating system**

Operating systems supported	<ul style="list-style-type: none"><li>• Ubuntu</li><li>• Windows 10 Pro Standard</li></ul>
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- Windows 10 Home Standard
- Windows 10 Home Plus

## Memory

**Table 6. Memory specifications**

Slots	Two SODIMM slots
Type	Dual-channel DDR4
Speed	2400 MHz
Configurations supported	
Per memory module slot	4 GB, 8 GB, and 16 GB
Total memory	4 GB, 8 GB, 12 GB, and 16 GB

## Ports and connectors

**Table 7. Ports and connectors**

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**External:**

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USB	<ul style="list-style-type: none"> <li>• One USB 3.1 Gen 1 port with PowerShare</li> <li>• One USB 3.1 Gen 1 port</li> <li>• One USB 2.0 port</li> </ul>
Audio/Video	<ul style="list-style-type: none"> <li>• One HDMI 1.4b port</li> <li>• One headset (headphone and microphone combo) port</li> </ul>

**Table 8. Ports and connectors**

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**Internal:**

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M.2 Card	One M.2 slot for Wi-Fi and Bluetooth combo card
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# Video

**Table 9. Video specifications**

Controller	Intel UHD Graphics 620
Memory	Shared system memory

# Audio

**Table 10. Audio specifications**

Controller	Realtek ALC3253-VA3 with Waves MaxxAudio Pro
Speakers	Two
Output	<ul style="list-style-type: none"><li>• Average: 2 W</li><li>• Peak: 2.5 W</li></ul>
Microphone	Digital-array microphones in camera assembly
Volume controls	Media-control shortcut keys and volume-control button

# Storage

**Table 11. Storage specifications**

Interface	SATA 6 Gbps
Hard drive	One 2.5-inch drive
Solid-state drive (SSD)	One 2.5-inch drive
Capacity	
Hard drive	Up to 1 TB
SSD	Up to 512 GB



# Media-card reader

**Table 12. Media-card reader specifications**

Type	One SD-card slot
Cards supported	SD card

# Display

**Table 13. Display specifications**

Type	15.6-inch FHD touchscreen IPS (In-plane switching) panel
Resolution (maximum)	1920 x 1080
Viewing angle (Left/Right/Up/Down)	80/80/80/80
Pixel pitch	0.17925 mm
Height	193.59 mm (7.62 in)
Width	344.16 mm (13.55 in)
Diagonal	396.24 mm (15.60 in)
Refresh rate	60 Hz
Operating angle	0 degrees (closed) to 360 degrees
Controls	Brightness can be controlled using shortcut keys


# Keyboard


**Table 14. Keyboard specifications**

Type	<ul style="list-style-type: none"><li>• Backlit keyboard</li><li>• Standard keyboard</li></ul>
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: Press Fn+Esc to switch the primary behavior of the function keys (F1–F12) between two modes – multimedia key mode and function key mode.**

 **NOTE: You can define the primary behavior of the shortcut keys by pressing Fn+Esc or by changing Function Key Behavior in System Setup.**

[Keyboard shortcuts](#)

## Camera

**Table 15. Camera specifications**

Resolution

### Camera

- Still image: 0.92 megapixel
- Video: 1280 x 720 (HD) at 30 fps

Diagonal viewing angle

### Infrared Camera

640 x 480 (VGA)

### Camera

74 degrees

### Infrared Camera

60 degrees

## Touchpad

**Table 16. Touchpad**

Resolution

- Horizontal: 1260

Dimensions

- Vertical: 960
- Height: 80 mm (3.15 in)
- Width: 105 mm (4.13 in)

## Battery

**Table 17. Battery specifications**

Type	3-cell “smart” lithium-ion (42 WHr)
Dimensions	
Height	5.90 mm (0.23 in)
Width	97.15 mm (3.82 in)
Depth	184.15 mm (7.25 in)
Weight (maximum)	0.20 kg (0.44 lb)
Voltage	11.40 VDC
Operating time	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.
Life span (approximate)	300 discharge/charge cycles
Temperature range	
Operating	0°C to 35°C (32°F to 95°F)
Storage	–40°C to 65°C (–40°F to 149°F)
Coin-cell battery	CR-2032

## Power adapter

**Table 18. Power adapter specifications**

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/1.60 A/1.70 A
Output current (continuous)	2.31 A/3.34 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)

## Communications

**Table 19. Supported communications**

Wireless	<ul style="list-style-type: none"> <li>• Wi-Fi 802.11ac</li> <li>• Bluetooth 4.0</li> <li>• Bluetooth 4.1 (optional)</li> <li>• Miracast</li> </ul>
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## Wireless module

**Table 20. Wireless module specifications**

Type	Intel 3165	QCA61x4A (DW1820)
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
Encryption	<ul style="list-style-type: none"> <li>• 64-bit and 128-bit WEP</li> <li>• CKIP</li> <li>• TKIP</li> <li>• AES-CCMP</li> </ul>	<ul style="list-style-type: none"> <li>• 64-bit and 128-bit WEP</li> <li>• CKIP</li> <li>• TKIP</li> <li>• AES-CCMP</li> </ul>

# Computer environment

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

**Table 21. Computer environment**

	<b>Operating</b>	<b>Storage</b>
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)	-15.20 m to 3048 m (-50 ft to 10,000 ft)	-15.20 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 22. 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 (optional)
	Decrease brightness
	Increase brightness
 + 	Turn off/on wireless
 + 	Toggle scroll lock



Keys	Description
 + 	Toggle Fn-key lock
 + 	Pause/Break
 + 	Sleep
 + 	System request
 + 	Open application menu
 + 	Toggle between power and battery-status light/hard-drive activity light
	 <b>NOTE: Hard-drive activity light is supported only on computers shipped with a hard drive.</b>
 + 	Home
 + 	End
 + 	Page up
 + 	Page down

# 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

Information about Dell products and services

[www.dell.com](http://www.dell.com)

Dell Help & Support app



Get started app



Accessing help

In Windows search, type **Help** and **Support**, and press Enter.

Online help for operating system

[www.dell.com/support/windows](http://www.dell.com/support/windows)

[www.dell.com/support/linux](http://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](http://www.dell.com/support)

Dell knowledge base articles for a variety of computer concerns.

- 1 Go to [www.dell.com/support](http://www.dell.com/support).
- 2 At the top-right corner, 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:

See *Me and My Dell* at [www.dell.com/support/manuals](http://www.dell.com/support/manuals).

- Product specifications

- Operating system
- Setting up and using your product
- Data backup
- Troubleshooting and diagnostics
- Factory and system restore
- BIOS information

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** into the search bar.

## Contacting Dell

To contact Dell for sales, technical support, or customer service issues, see [www.dell.com/contactdell](http://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.**

