

# Inspiron 15 3000

## Setup and Specifications

**Computer Model:** Inspiron 15-3567  
**Regulatory Model:** P63F  
**Regulatory Type:** P63F002



# 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.



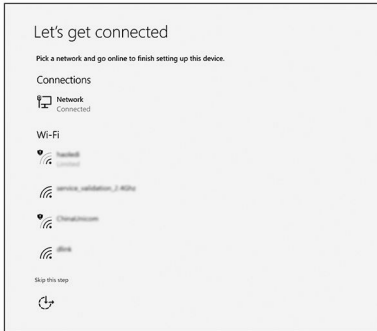
**Figure 1. Connect the power adapter and pressing the power button**



2 Finish operating system setup.

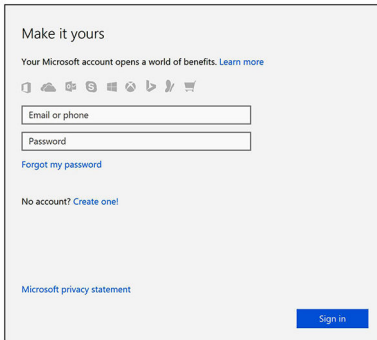
**For Windows:**

a) Connect to a network.



**Figure 2. Connecting to a wireless network**

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



**Figure 3. Signing 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.

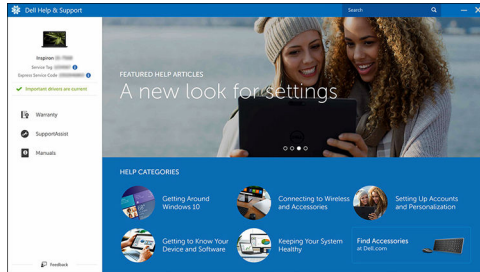
**Table 1. Locate Dell apps**



Register your computer



Dell Help & Support



**Figure 4. Dell Help & Support**



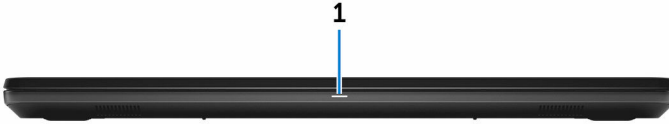
SupportAssist — Check and update your computer



# 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 adapter to provide power to your computer and charge the battery.

2 **Network port**

Connect an Ethernet (RJ45) cable from a router or a broadband modem for network or internet access.

3 **HDMI port**

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

4 **USB 3.0 ports (2)**

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

## Right



1 **SD-card slot**

Reads from and writes to the SD card.

2 **Headset port**

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

3 **USB 2.0 port**

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

4 **Optical drive (optional)**

Reads from and writes to CDs and DVDs.

5 **Security-cable slot**

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



# Base



1 **Left-click area**

Press to left-click.

2 **Touch pad**

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

3 **Right-click area**

Press to right-click.

4 **Power button**

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

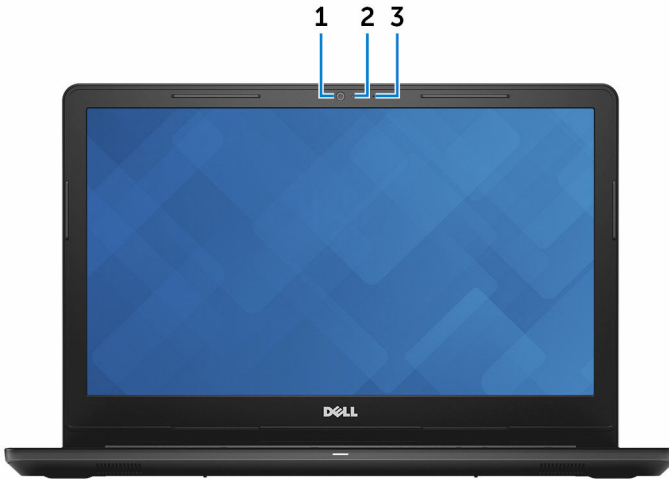
Press to put the computer in sleep state if it is turned on.

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).**

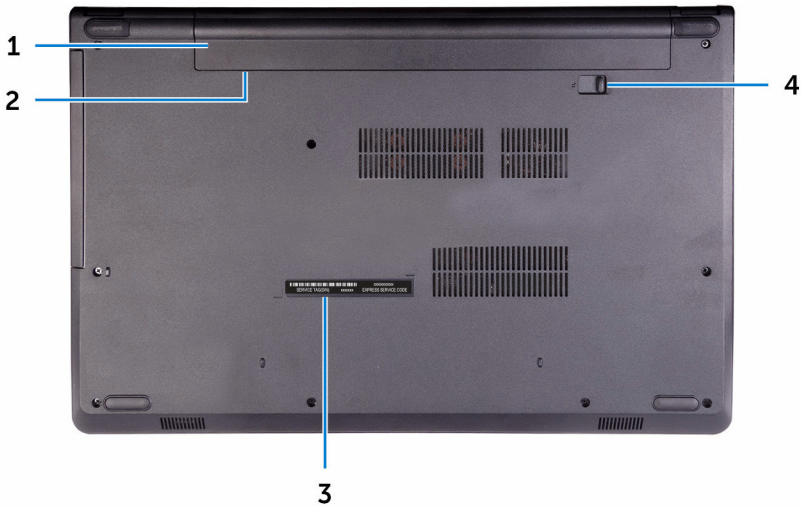
# Display



- 1 Camera**  
Enables you to video chat, capture photos, and record videos.
- 2 Camera-status light**  
Turns on when the camera is in use.
- 3 Microphone**  
Provides digital sound input for audio recording, voice calls, and so on.



# Back



1 **Battery**

Supplies power to the computer. It enables the computer to work without connecting to an electrical outlet for a limited time.

2 **Regulatory label (in battery bay)**

Contains regulatory information of your computer.

3 **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.

4 **Battery-release latch**

Lock/unlock the battery in the battery bay. Slide the latch to the unlock position, to release the battery.

# Specifications

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## Dimensions and weight

**Table 2. Dimensions and weight**

|                      |                      |
|----------------------|----------------------|
| Height               | 23.65 mm (0.93 in)   |
| Width                | 380 mm (14.96 in)    |
| Depth                | 260.30 mm (10.25 in) |
| Weight (approximate) | 2.30 kg (5.07 lb)    |



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

## System information

**Table 3. System information**

|                |   |
|----------------|---|
| Computer model | Inspiron 15-3567  |
| Processor      | <ul style="list-style-type: none"><li>• 7<sup>th</sup> generation Intel Core i3/i5/i7</li><li>• 6<sup>th</sup> generation Intel Core i3</li></ul> |
| Chipset        | Integrated in the processor   |

## Memory

**Table 4. Memory specifications**

|                          |                      |
|--------------------------|----------------------|
| Slots                    | Two SODIMM slots     |
| Type                     | DDR4                 |
| Speed                    | 2133 MHz             |
| Configurations supported | 4 GB, 6 GB, and 8 GB |



# Ports and connectors

**Table 5. Ports and connectors**

| <b>External:</b> |   |
|------------------|---|
| Network          | One RJ-45 port  |
| USB              | <ul style="list-style-type: none"><li>• One USB 2.0 port</li><li>• Two USB 3.0 ports</li></ul>                              |
| Audio/Video      | <ul style="list-style-type: none"><li>• One HDMI port</li><li>• One headset (headphone and microphone combo) port</li></ul> |

**Table 6. Internal Ports and connectors**

| <b>Internal:</b> |                                  |
|------------------|----------------------------------|
| M2 card          | One M.2 slot for Wi-Fi/Bluetooth |

# Communications

**Table 7. Communication specifications**

|          |  |
|----------|--|
| Ethernet | 10/100 Mbps Ethernet controller integrated on system board   |
| Wireless | <ul style="list-style-type: none"><li>• WiFi 802.11ac+Bluetooth 4.2</li><li>• WiFi 802.11ac+Bluetooth 4.1</li><li>• Wi-Fi 802.11b/g/n+Bluetooth 4.0</li><li>• Miracast</li></ul> |



**NOTE: Windows 10 supports up to Bluetooth 4.1.**



# Audio

**Table 8. Audio specifications**

|                 |  |
|-----------------|--|
| Controller      | ALC 3246 with Waves MaxxAudio  |
| Speakers        | Two  |
| Speaker output  | <ul style="list-style-type: none"><li>• Average: 2 W</li><li>• Peak: 2.5 W</li></ul> |
| Microphone      | Single digital microphone in the camera assembly                                     |
| Volume controls | Media-control shortcut keys  |

# Storage

**Table 9. Storage specifications**

|                          |  |
|--------------------------|--|
| Interface                | <ul style="list-style-type: none"><li>• SATA 6 Gbps for hard drive</li><li>• SATA 1.5 Gbps for optical drive</li></ul> |
| Hard drive               | One 2.5-inch drive   |
| Optical-drive (optional) | One 9.5 mm DVD+/-RW drive  |

# Media-card reader

**Table 10. Media-card reader specifications**

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



# Keyboard

**Table 11. Keyboard specifications**

|               |   |
|---------------|---|
| Type          | Standard keyboard   |
| 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 12. Camera specifications**

|                        |   |
|------------------------|---|
| Resolution             | <ul style="list-style-type: none"><li>• Still image: 0.9 megapixel</li><li>• Video: 1280x720 (HD) at 30 fps</li></ul> |
| Diagonal viewing angle | 74.9 degrees  |

# Touch pad

**Table 13. Touch pad**

|            |   |
|------------|---|
| Resolution | <ul style="list-style-type: none"><li>• Horizontal: 2040</li><li>• Vertical: 1240</li></ul>                 |
| Dimensions | <ul style="list-style-type: none"><li>• Width: 105 mm (4.13 in)</li><li>• Height: 65 mm (2.56 in)</li></ul> |



# Power adapter

**Table 14. Power adapter specifications**

|                             | <b>45 W</b>  | <b>65 W</b> |
|-----------------------------|--|-------------|
| Input current (maximum)     | 1.30 A   | 1.70 A      |
| Output current (continuous) | 2.31 A   | 3.34 A      |
| Input voltage               | 100 VAC–240 VAC  |             |
| Input frequency             | 50 Hz–60 Hz  |             |
| Rated output voltage        | 19.50 VDC  |             |
| Temperature range           | <ul style="list-style-type: none"><li>• Operating: 0°C to 40°C (32°F to 104°F)</li><li>• Storage: –40°C to 70°C (–40°F to 158°F)</li></ul> |             |

# Battery

**Table 15. Battery specifications**

|                         |  |
|-------------------------|--|
| Type                    | 4-cell “smart” lithium-ion (40 Whr)  |
| Dimensions              | <ul style="list-style-type: none"><li>• Width: 270 mm (10.63)</li><li>• Depth: 37.5 mm (1.47 in)</li><li>• Height: 20 mm (0.79 in)</li></ul> |
| Weight (maximum)        | 0.25 kg (0.55 lb)  |
| Voltage                 | 14.8 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       | <ul style="list-style-type: none"><li>• Operating: 0°C to 35°C (32°F to 95°F)</li></ul>  |



- Storage: -40°C to 65°C (-40°F to 149°F)

Coin-cell battery

CR-2032

## Display

**Table 16. Display specifications**

|                                    |                             |                         |
|------------------------------------|-----------------------------|-------------------------|
| Type                               | 15-inch HD non-touch screen | 15-inch HD touch screen |
| Resolution (maximum)               | 1366 x 768                  | 1366 x 768              |
| Viewing angle (Left/Right/Up/Down) | 40/40/10/30 degrees         | 40/40/10/30 degrees     |
| Pixel pitch                        | 0.252 mm                    | 0.252 mm                |
| Dimension:                         |                             |                         |
| Height (excluding bezel)           | 193.5 mm (7.62 in)          | 193.5 mm (7.62 in)      |
| Width (excluding bezel)            | 344.2 mm (13.55 in)         | 344.2 mm (13.55 in)     |
| Diagonal (excluding bezel)         | 394.86 mm (15.55 in)        | 394.86 mm (15.55 in)    |

## Video

**Table 17. Video specifications**

|            | <b>Integrated</b>  | <b>Discrete</b> |
|------------|--|-----------------|
| Controller | <ul style="list-style-type: none"> <li>• Intel HD Graphics 520</li> <li>• Intel HD Graphics 620</li> </ul> | AMD R5 M430     |
| Memory     | Shared system memory   | Up to 2 GB DDR3 |

## Computer environment

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

**Table 18. 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 <sup>†</sup>                      | 160 G <sup>‡</sup>                        |
| Altitude (maximum)          | -15.2 m to 3048 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

Table 19. 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  |
|    | Decrease brightness   |
|   | Increase brightness   |
|  +  | Turn off/on wireless  |
|  +  | Sleep   |
|  +  | Toggle between power and battery-status light/hard-drive activity light |
|  +  | Toggle Fn-key lock  |
|  +  | Page up   |

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| Keys  | Description |
|---|-------------|
|  | Page down   |
|  | Home        |
|  | End         |



# Getting help and contacting Dell

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## Self-help resources

You can get information and help on Dell products and services using these self-help resources:

### Table 20. 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)

Learn about your operating system, setting up and using your computer, data backup, diagnostics, and so on.

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

## 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.**

