Inspiron 15 3000
Setup and Specifications

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

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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Contents

Set up your computer..... 5

Views..... 8

Front..... 8
Left..... 8
Right..... 9
Base..... 10
Display..... 11
Back..... 12

Specifications..... 13

Dimensions and weight..... 13
System information..... 13
Memory..... 13
Ports and connectors..... 14
Communications..... 14
EthernetWireless module..... 14
Audio..... 15
Storage..... 16
Media-card reader..... 16
Keyboard..... 16
Camera..... 17
Touch pad..... 17
Power adapter..... 17
Battery..... 18
Display..... 19
Video..... 19
Computer environment..... 19

Keyboard shortcuts.....21

Getting help and contacting Dell..... 24

Self-help resources.....24

Contacting Dell.....25

Set up your computer

1 Connect the power adapter and press the power button.

Figure 1. Connect the power adapter and pressing 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 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.

  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.

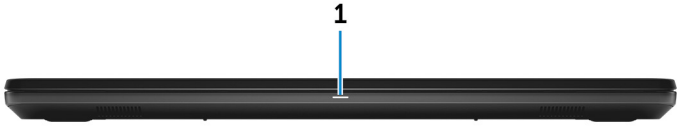
3 Locate and use Dell apps from the Windows Start menu—Recommended

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. **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

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

4 **USB 3.0 ports (2)**

Connect peripherals such as external 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 headphones or a headset (headphone and microphone combo).

3 **USB 2.0 port**

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

4 **Optical drive (optional)**

Reads from and writes to CDs and DVDs.

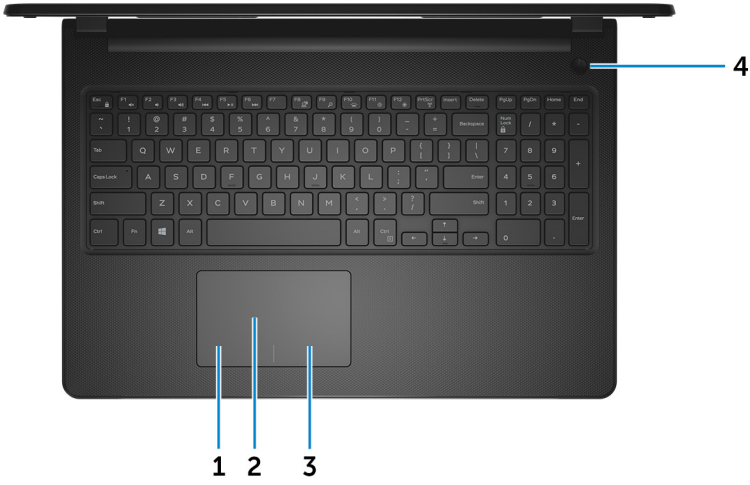
5 **Optical-drive eject button**

Press to open the optical drive tray.

6 **Security-cable slot**

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

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 finger tap to right-click.

3 **Right-click area**

Press to right-click.

4 **Power button**

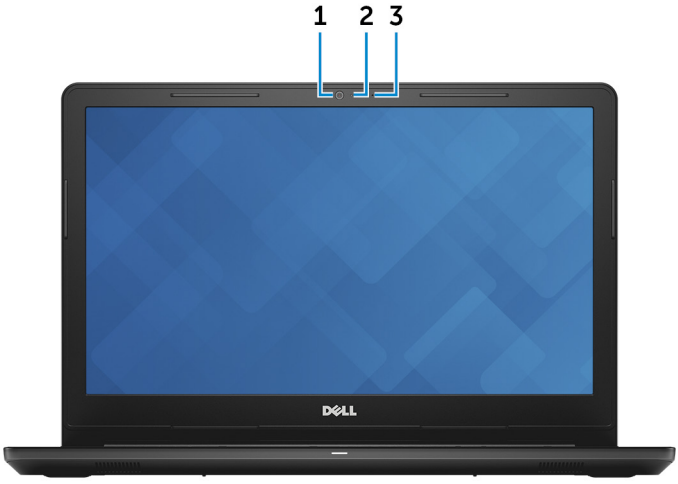
Press to turn on the computer if it is turned off, in sleep state, or in hibernate state.

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.

Display



1 **Camera**

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

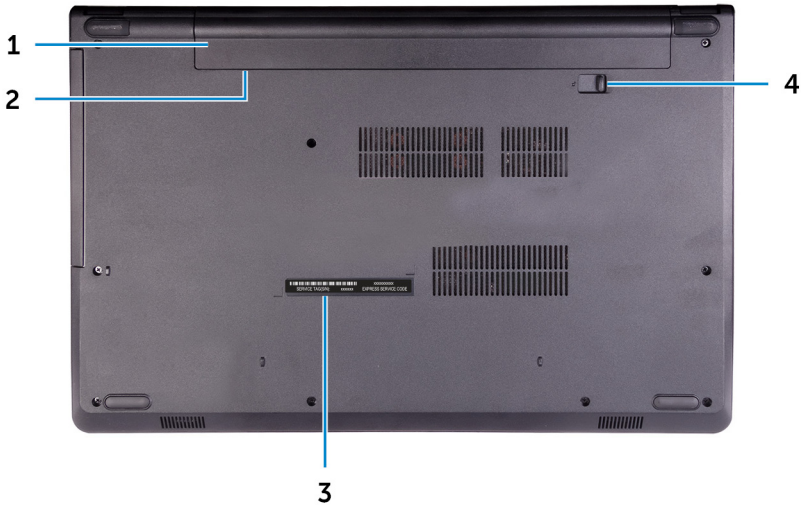
2 **Camera-status light**

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

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	• 7th generation Intel Core i3/i5/i7 • 6th generation Intel Core i3
Chipset	Integrated in the processor

Memory

Table 4. Memory specifications

Slots	Two SODIMM slots
Type	DDR4
Speed	2133 MHz
Configurations supported	

Per memory module slot	2 GB, 4 GB, and 8 GB
Total memory	4 GB, 6 GB, 8 GB, 12 GB, and 16 GB

Ports and connectors

Table 5. Ports and connectors

External:	
Network	One RJ-45 port
USB	• One USB 2.0 port • Two USB 3.0 ports
Audio/Video	• One HDMI 1.4b port • One headset (headphone and microphone combo) port

Table 6. Internal Ports and connectors

Internal:	
M2 card	One M.2 slot for Wi-Fi/Bluetooth

Communications

Ethernet

Table 7. Ethernet specifications

Model number	Ethernet controller (integrated on system board)
Transfer rate	10/100 Mbps

Wireless module

Table 8. Wireless module specifications

Model number	Intel 3165	Intel 7265	Qualcomm QCA9377 (DW1810)	Qualcomm QCA9565 (DW1707)
Transfer rate	Up to 433 Mbps	Up to 867 Mbps	Up to 433 Mbps	Up to 150 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	Dual band 2.4 GHz
Wireless standards	Wi-Fi 802.11b/g/n	Wi-Fi 802.11b/g/n	Wi-Fi 802.11b/g/n	Wi-Fi 802.11b/g/n
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	• 64-bit/128-bit WEP • AES-CCMP • TKIP
Bluetooth	Bluetooth 4.2	Bluetooth 4.2	Bluetooth 4.2	Bluetooth 4.0

Audio

Table 9. Audio specifications

Controller	ALC 3246 with Waves MaxxAudio
Speakers	Two
Speaker output	• Average: 2 W • Peak: 2.5 W
Microphone	Single digital microphone in the camera assembly
Volume controls	Media-control shortcut keys

Storage

Table 10. Storage specifications

Form factor	Interface type	Capacity
One 9.5 mm DVD+/-RW drive (optional)	SATA	Not applicable
One 2.5-inch hard drive	SATA	Up to 2 TB
One 2.5-inch solid-state drive	SATA	Up to 256 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) • Secure Digital Extended Capacity (SDXC)

Keyboard

Table 12. 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 13. Camera specifications

Resolution	• Still image: 0.9 megapixel • Video: 1280x720 (HD) at 30 fps
Diagonal viewing angle	74.9 degrees

Touch pad

Table 14. Touch pad

Resolution	• Horizontal: 2040 • Vertical: 1240
Dimensions	• Width: 105 mm (4.13 in) • Height: 65 mm (2.56 in)

Power adapter

Table 15. Power adapter specifications

	45 W	65 W
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	

	45 W	65 W
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)	

Battery

Table 16. Battery specifications

Type	4-cell “smart” lithium-ion (40 Whr)
Dimensions	• Width: 270 mm (10.63) • Depth: 37.5 mm (1.47 in) • Height: 20 mm (0.79 in)
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	• 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

Display

Table 17. 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 18. Video specifications

	Integrated	Discrete
Controller	• Intel HD Graphics 520 • Intel HD Graphics 620	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 19. 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 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

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 20. List of keyboard shortcuts

Function key	Redefined key (for multimedia control)	Behavior
		Mute audio
		Decrease volume
		Increase volume
		Play previous track/ chapter

Function key	Redefined key (for multimedia control)	Behavior
F5 ▶II	Fn + F5 ▶II	Play/Pause
F6 ▶▶I	Fn + F6 ▶▶I	Play next track/chapter
F8	Fn + F8	Switch to external display
F9	Fn + F9	Search
F10	Fn + F10	Toggle keyboard backlight (optional) **NOTE: Non-backlight keyboards have F10 function key without the backlight icon and does not support toggle keyboard backlight function.**
F11	Fn + F11	Decrease brightness
F12	Fn + F12	Increase brightness

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

Table 21. List of keyboard shortcuts

Function key	Behavior
Fn + PrtScr	Turn off/on wireless
Fn + B	Pause/Break
Fn + Insert	Sleep

Function key	Behavior
Fn + S	Toggle scroll lock
Fn + H	Toggle between power and battery-status light/hard-drive activity light
Fn + R	System request
Fn + Ctrl	Open application menu
Fn + Esc	Toggle Fn-key lock
Fn + ↑ PgUp	Page up
Fn + ↓ PgDn	Page down
Fn + ←Home	Home
Fn + End →	End

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

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
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:	See *Me and My Dell* at www.dell.com/support/manuals.

Self-help resources	Resource location
• 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** 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.