Inspiron 14 3000
Setup and Specifications

Computer Model: Inspiron 14-3462
Regulatory Model: P76G
Regulatory Type: P76G001

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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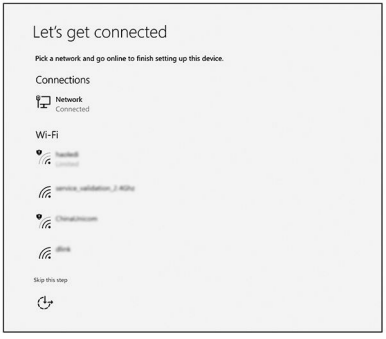
Set up your computer

1 Connect the power adapter and press the power button.

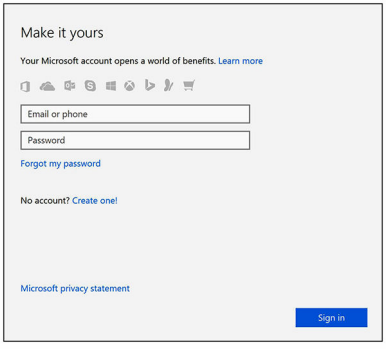
2 Finish operating system setup.

For Windows:

a) Connect to your network.



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



For Ubuntu:

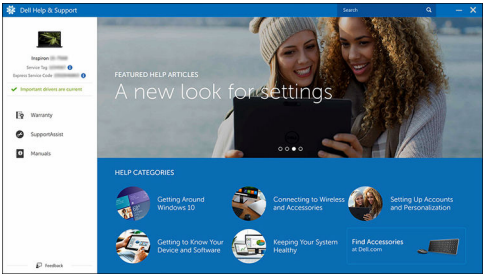
Follow the instructions on the screen to finish setup.

3 Locate Dell apps in Windows.

Table 1. Locate Dell apps in Windows

Register your computer

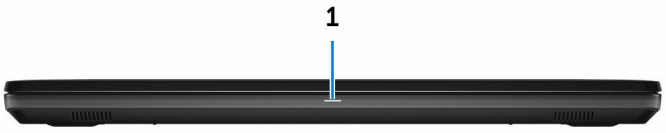
Dell Help & Support



SupportAssist — Check and update your computer

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 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-adapter port**

Connect a power adapter to provide power to your computer and charge the battery.

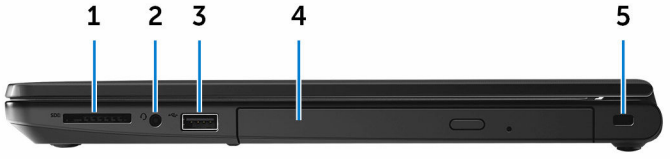
2 **HDMI port**

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

3 **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.

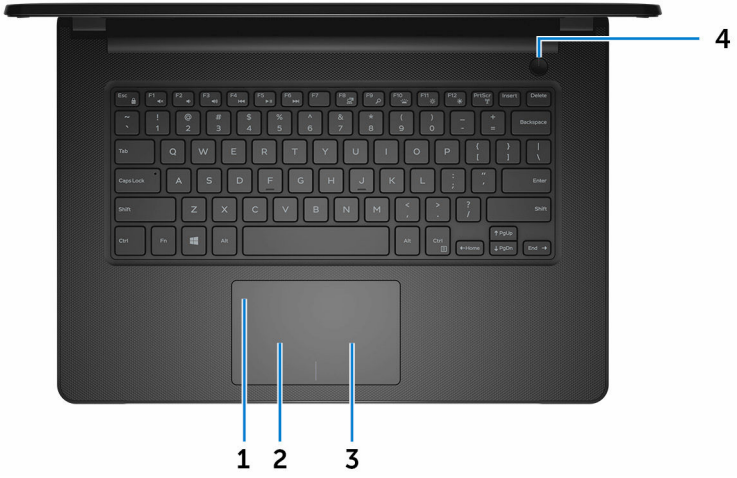
4 **Optical drive (optional)**

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 **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.

2 **Left-click area**

Press to left-click.

3 **Right-click area**

Press to right-click.

4 **Power button**

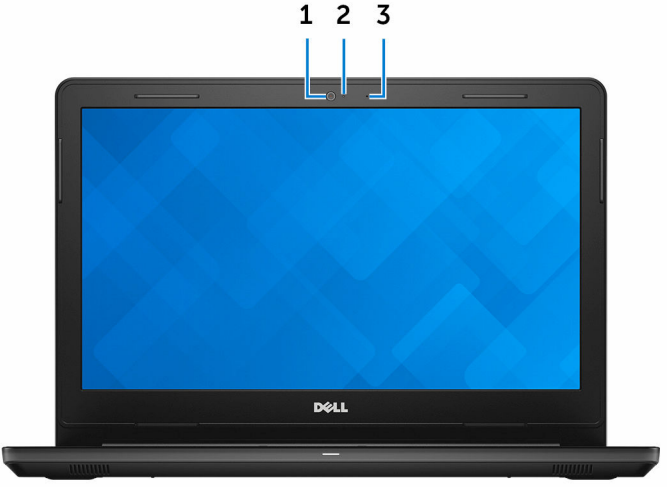
Press to turn on the computer if it is turned off, in sleep state, or in hibernate state.

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 **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.

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

Contains regulatory information of your computer.

3 **Battery**

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

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	23.35 mm (0.92 in)
Width	345 mm (13.58 in)
Depth	243 mm (9.57 in)
Weight	2 kg (4.41 lb)

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

System information

Table 3. System information

Computer model	Inspiron 14-3462
Processor	• Intel Pentium • Intel Celeron
Chipset	Integrated in the processor

Memory

Table 4. Memory specifications

Slots	One SODIMM slot
Type	DDR3L
Speed	1600 MHz
Configurations supported	2 GB, 4 GB, and 8 GB

Communications

Table 5. Communication specifications

Wireless	• WiFi 802.11ac+Bluetooth 4.2 • WiFi 802.11ac+Bluetooth 4.1 • WiFi 802.11b/g/n+Bluetooth 4.0 • Miracast **NOTE: Windows 10 supports up to Bluetooth 4.1.**

Audio

Table 6. Audio specifications

Controller	Realtek ALC3246 with Waves MaxxAudio Pro
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 7. Storage specifications

Interface	• SATA 6 Gbps for hard drive • SATA 1.5 Gbps for optical drive
Hard drive	One 2.5-inch drive
Optical-drive	One 9.5 mm DVD+/-RW drive

Media-card reader

Table 8. Media-card reader specifications

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

Keyboard

Table 9. 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 shortcut keys by pressing Fn+Esc or by changing Function Key Behavior in System Setup.** Keyboard shortcuts

Camera

Table 10. Camera specifications

Resolution	• Still image: 0.90 megapixels • Video: 1280 x 720 (HD) at 30 fps
Diagonal viewing angle	74.9 degrees

Touch pad

Table 11. Touch pad specifications

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

Battery

Table 12. Battery specifications

Type	4-cell smart lithium-ion (40 WHr)
Dimensions	• Width: 270 mm (10.63 in) • Depth: 37.5 mm (1.48 in) • Height: 20 mm (0.79 in)
Weight (maximum)	0.25 kg (0.55 lb)
Voltage	14.80 VDC
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
Operating time	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.

Display

Table 13. Display specifications

Type	14-inch HD non-touch screen
Resolution (maximum)	1366 x 768
Pixel pitch	0.2265 mm
Refresh rate	60 Hz
Viewing angle (Left/Right/Up/Down)	40/40/10/30 degrees
Operating angle	0 degrees (closed) to 135 degrees
Controls	Brightness can be controlled using shortcut keys
Dimensions:	
Height (excluding bezel)	173.95 mm (6.85 in)
Width (excluding bezel)	309.40 mm (12.18 in)
Diagonal (excluding bezel)	354.95 mm (13.97 in)

Video

Table 14. Video specifications

Controller	• Intel HD Graphics 500 • Intel HD Graphics 505
Memory	Shared system memory

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	
Rated output voltage	19.50 VDC	
Temperature range: Operating	0°C to 40°C (32°F to 104°F)	
Temperature range: Storage	–40°C to 70°C (–40°F to 158°F)	

Ports and connectors

Table 16. Ports and connectors specifications

External:	
USB	• One USB 2.0 port • Two USB 3.0 ports
Audio/Video	• One HDMI port • One headset port (headphone and microphone combo)

Table 17. Ports and connectors specifications

Internal:	
M.2 slot	One M.2 slot for WiFi and Bluetooth combo card

Computer environment

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

Table 18. 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)	–15.20 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

Table 19. 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
	Toggle scroll lock
	Toggle Fn-key lock

Keys	Description
	Pause/Break
	Sleep
	System request
	Open application menu
	Toggle between power and battery-status light/ hard-drive activity light
	End
	Home
	Page down
	Page up

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 20. Self-help resources

Information about Dell products and services	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 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
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.

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.