



Inspiron 14 5000



[Views](#)

[Specifications](#)

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2016-09 Rev. A00

Regulatory model: P64G | Type: P64G005

Computer model: Inspiron 14-5452

NOTE: The images in this document may differ from your computer depending on the configuration you ordered.



Front



Left



Right



Base




Display

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.

Battery-status light

Indicates the battery 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 | <ul style="list-style-type: none">• 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. |



Front



Left



Right



Base



Display

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 port

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

4 Media-card reader

Reads from and writes to media cards.



Front



Left



Right



Base



Display

Right



1 Headset port

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

2 USB 2.0 ports (2)

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

3 Security-cable slot

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



Base



Front



Left



Right



Base



Display



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.



Display



Front



Left



Right



Base



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.

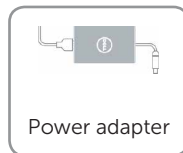
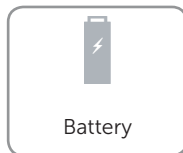
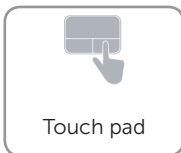
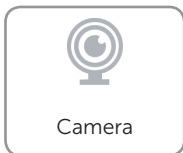
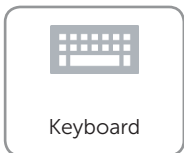
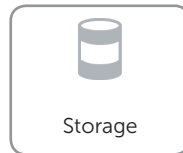
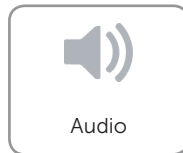
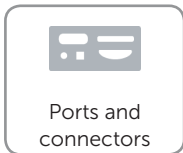
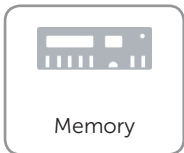


Specifications

Dimensions and weight

Height	23.35 mm (0.92 in)
Width	345 mm (13.58 in)
Depth	243 mm (9.56 in)
Weight (minimum)	1.92 kg (4.23 lb)

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






Specifications

System information


Computer model	Inspiron 14-5452
Processor	<ul style="list-style-type: none">• Intel Celeron Dual Core• Intel Pentium Quad Core
Chipset	Integrated in processor



Dimensions and weight



System information



Memory



Ports and connectors



Communications




Video



Audio




Storage




Media-card reader




Display




Keyboard




Camera



Touch pad



Battery



Power adapter



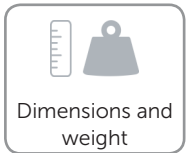
Computer environment



Specifications

Memory

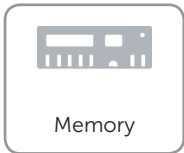
Slots	One SODIMM slot
Type	DDR3L
Speed	1600 MHz
Configurations supported	2 GB, 4 GB, and 8 GB



Dimensions and weight



System information



Memory



Ports and connectors



Communications



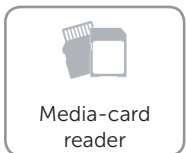
Video



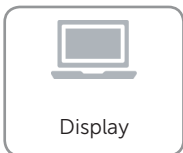
Audio



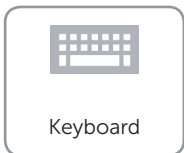
Storage



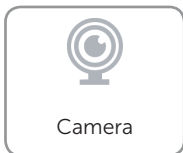
Media-card reader



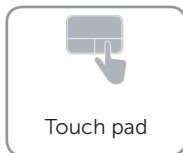
Display



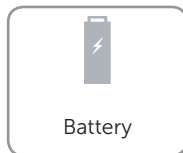
Keyboard



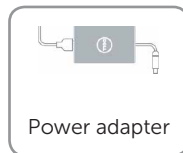
Camera



Touch pad



Battery



Power adapter



Computer environment



Specifications

Ports and connectors

External:

USB

- Two USB 2.0 ports
- One USB 3.0 port

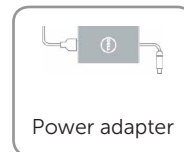
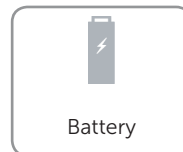
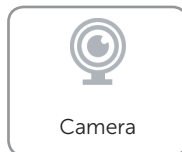
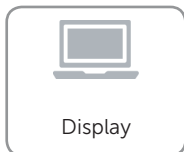
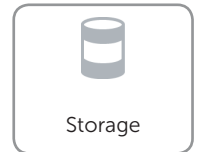
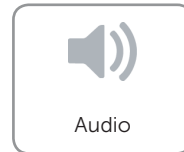
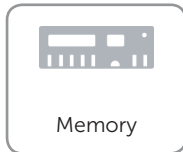
Audio/video

- One HDMI port
- One headset port (headphone and microphone combo)

Internal:

M.2

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



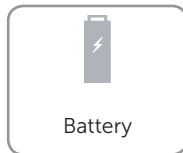
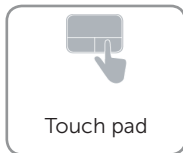
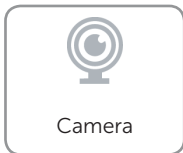
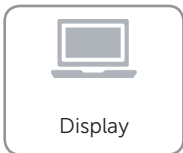
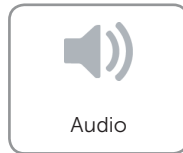
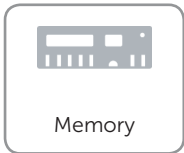
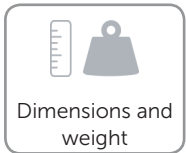


Specifications

Communications

Wireless

- Wi-Fi 802.11ac
- Wi-Fi 802.11b/g/n
- Bluetooth 4.0

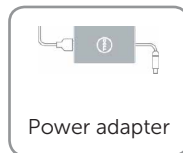
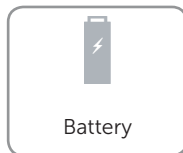
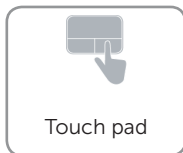
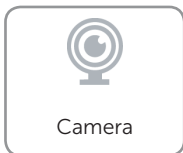
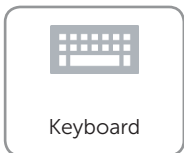
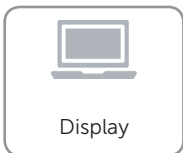
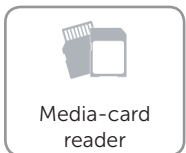
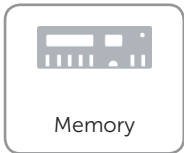
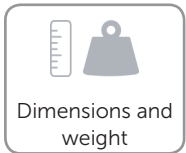




Specifications

Video

Controller	Intel HD Graphics
Memory	Shared system memory

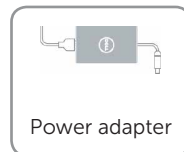
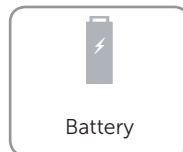
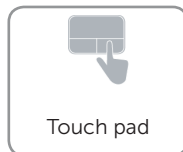
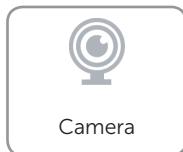
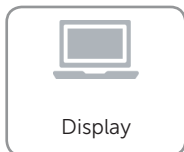
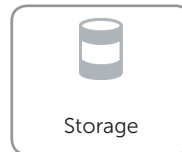
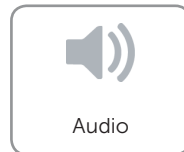
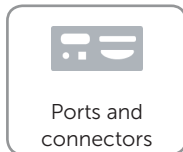
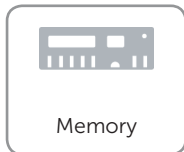
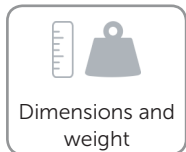




Specifications

Audio

Controller	Realtek ALC3234 with Waves MaxxAudio
Speakers	Two
Speaker output:	
Average	2 W
Peak	2.2 W
Microphone	Single microphone
Volume controls	Media-control shortcut keys

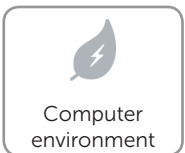
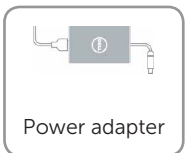
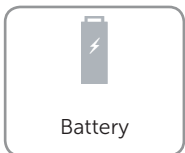
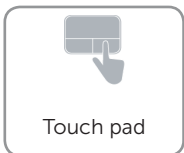
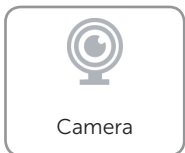
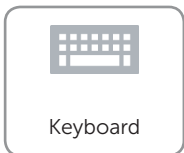
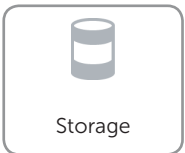
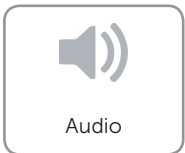
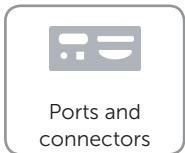
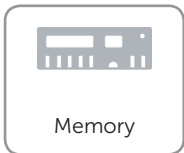




Specifications

Storage

Interface	SATA 6 Gbps
Hard drive	One 2.5-inch drive (supports Intel Smart Response Technology)





Specifications

Media-card reader


Type	One SD card slot
Card supported	SD card




Dimensions and weight



System information



Memory




Ports and connectors




Communications



Video




Audio



Storage




Media-card reader




Display




Keyboard




Camera



Touch pad



Battery



Power adapter



Computer environment



Specifications

Display

Type	14-inch HD WLED
Resolution (maximum)	1366 x 768
Refresh rate	60 Hz
Operating angle	0 degree (closed) to 135 degrees
Pixel pitch	0.2265 mm
Controls	Brightness can be controlled using shortcut keys
Dimensions:	
Height	173.95 mm (6.85 in)
Width	309.40 mm (12.18 in)
Diagonal	354.95 mm (13.97 in)



Dimensions and weight



System information



Memory



Ports and connectors



Communications



Video



Audio



Storage



Media-card reader



Display



Keyboard



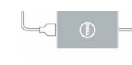
Camera



Touch pad



Battery



Power adapter



Computer environment



Specifications

Keyboard

Type Chiclet 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 change the behavior of the shortcut keys by pressing Fn+Esc or by changing **Function Key Behavior** in BIOS setup program.


[List of shortcut keys](#)




Dimensions and weight



System information




Memory




Ports and connectors




Communications



Video




Audio




Storage




Media-card reader




Display




Keyboard




Camera



Touch pad



Battery



Power adapter



Computer environment



Shortcut keys

	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 Fn-key lock
	+		Sleep
	+		Toggle between power and battery-status light/hard-drive activity light
	+		Pause/Break
	+		System request
	+		Open application menu
	+		Toggle Scroll Lock
	+		End
	+		Home
	+		Page Up
	+		Page Down



Specifications

Camera

Resolution:

Still image 0.92 megapixel

Video 1280 x 720 HD at 30 fps

Diagonal viewing angle 74 degrees



Dimensions and weight



System information



Memory



Ports and connectors



Communications



Video



Audio



Storage



Media-card reader



Display



Keyboard



Camera



Touch pad



Battery



Power adapter



Computer environment



Specifications

Touch pad

Resolution:

Horizontal 1223

Vertical 1573

Dimensions:

Width 105 mm (4.13 in)

Height 65 mm (2.55 in)



Dimensions and weight



System information



Memory



Ports and connectors



Communications



Video



Audio



Storage



Media-card reader



Display



Keyboard



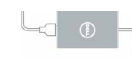
Camera



Touch pad



Battery



Power adapter



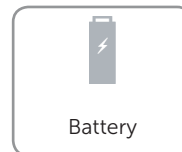
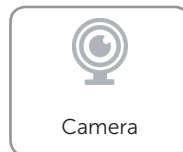
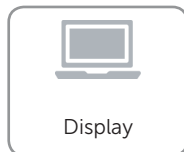
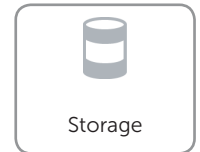
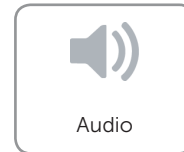
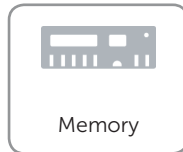
Computer environment



Specifications

Battery

Type	4-cell "smart" lithium-ion (40 WHr)
Dimensions:	
Width	270 mm (10.63 in)
Depth	37.50 mm (1.47 in)
Height	20 mm (0.78 in)
Weight (maximum)	0.25 kg (0.55 lb)
Voltage	14.80 VDC
Charging time when the computer is off (approximate)	4 hours
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

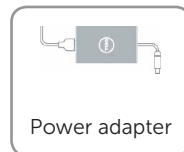
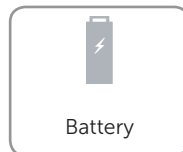
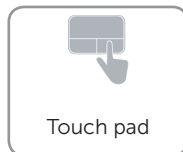
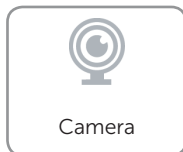
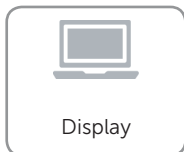
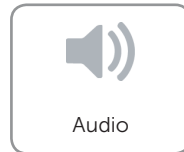
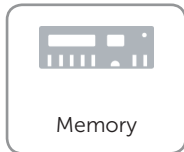




Specifications

Power adapter

Type	45 W
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current (maximum)	1.30 A
Output current (maximum)	2.31 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)





Specifications

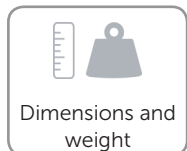
Computer environment

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

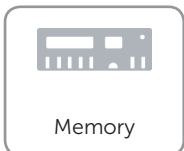
‡ Measured using a 2 ms half-sine pulse when the hard-drive head is in parked position.



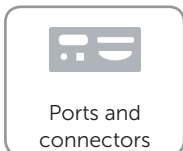
Dimensions and weight



System information



Memory



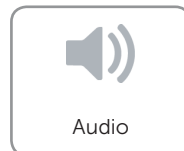
Ports and connectors



Communications



Video



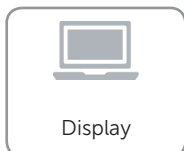
Audio



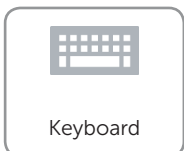
Storage



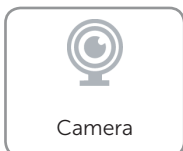
Media-card reader



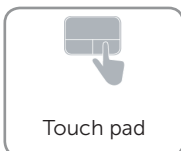
Display



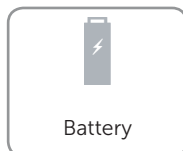
Keyboard



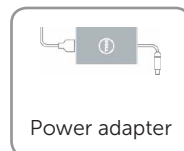
Camera



Touch pad



Battery



Power adapter



Computer environment