



Inspiron 14

3000 Series



[Views](#)

[Specifications](#)

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2015 - 07 Rev. A01

Regulatory model: P60G | Type: P60G003

Computer model: Inspiron 14-3452

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



Front



Left



Right



Base



Display

Front



1

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.

 **NOTE:** The hard-drive activity light is not available on computers with eMMC (embedded MultiMediaCard).

Battery-status light

Indicates the battery status.

- | | |
|--------------|--|
| Solid white | Power adapter is connected and the battery has more than 5% charge. |
| Solid yellow | 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-adaptor 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, printers, and so on. 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, printers, and so on. Provide 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.

3 Right-click area

Press to right-click.

4 Power button

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

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

Press and hold for 10 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

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

2 Camera-status light

Turns on when the camera is in use.

3 Microphone

Provides sound input for audio recording, voice calls, and so on.

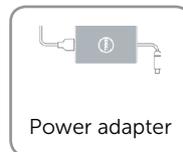
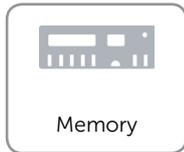


Specifications

Dimensions and weight

Height	21.4 mm (0.84 in)
Width	345 mm (13.58 in)
Depth	243 mm (9.57 in)
Weight (maximum)	1.90 kg (4.19 lb)

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

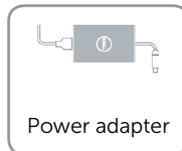
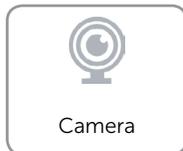
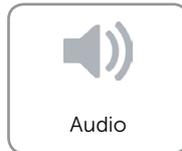
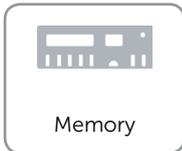
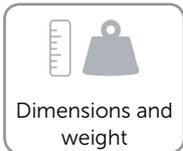




Specifications

System information

Computer model	Inspiron 14-3452
Processor	<ul style="list-style-type: none">• Intel Celeron Dual Core Processor• Intel Pentium Quad Core Processor
Chipset	Integrated in processor





Specifications

Memory

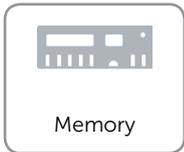
Slot	One SODIMM slot
Type	DDR3L
Speed	1600 MHz
Configurations supported	2 GB and 4 GB



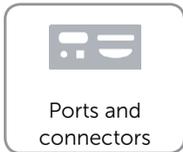
Dimensions and weight



System information



Memory



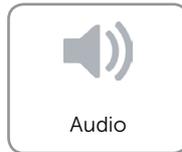
Ports and connectors



Communications



Video



Audio



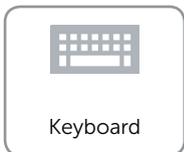
Storage



Media-card reader



Display



Keyboard



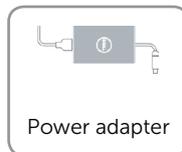
Camera



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 (headphone and microphone combo) port

Internal:

NGFF slot

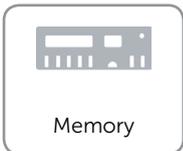
One NGFF slot for Wi-Fi, Bluetooth, and Intel WiDi (optional)



Dimensions and weight



System information



Memory



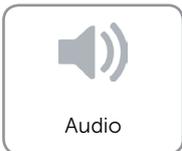
Ports and connectors



Communications



Video



Audio



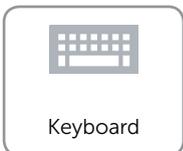
Storage



Media-card reader



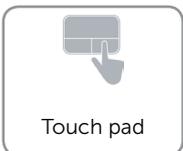
Display



Keyboard



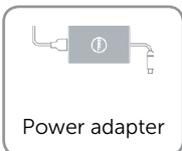
Camera



Touch pad



Battery



Power adapter



Computer environment

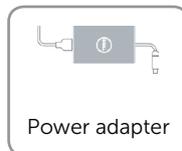
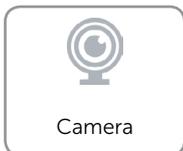
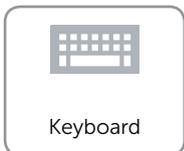
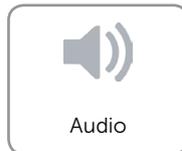
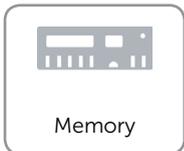


Specifications

Communications

Wireless

- Wi-Fi 802.11ac
- Wi-Fi 802.11b/g/n
- Bluetooth 4.0
- Intel WiDi (optional)





Specifications

Video

Controller	Integrated in processor
Memory	Shared system memory



Dimensions and weight



System information



Memory



Ports and connectors



Communications



Video



Audio



Storage



Media-card reader



Display



Keyboard



Camera



Touch pad



Battery



Power adapter



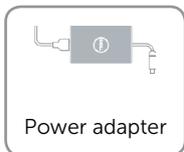
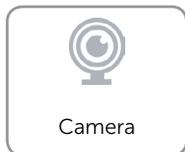
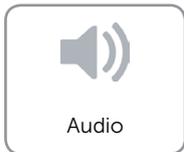
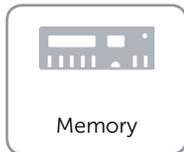
Computer environment



Specifications

Audio

Controller	Realtek ALC3234 with Waves MaxxAudio
Speakers	Two
Speaker output:	
Average	2.0 W
Peak	2.5 W
Microphone	Single digital microphone in the camera assembly
Volume controls	Media-control shortcut keys





Specifications

Storage

Interface	SATA 6 Gbps
Hard drive	One 2.5-inch drive (supports Intel Rapid Storage Technology)
eMMC (embedded MultiMediaCard)	One embedded MultiMediaCard

NOTE: The eMMC is integrated on the system board and is not available on computers shipped with Windows 7 operating system.

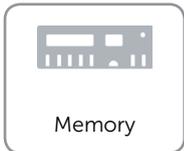
NOTE: Depending on the configuration you ordered, your computer supports either hard drive or eMMC.



Dimensions and weight



System information



Memory



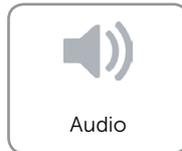
Ports and connectors



Communications



Video



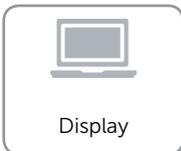
Audio



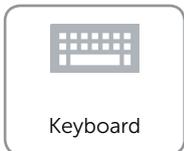
Storage



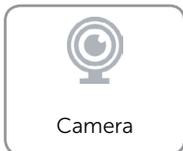
Media-card reader



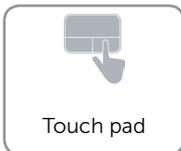
Display



Keyboard



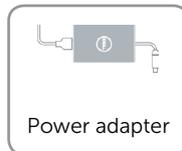
Camera



Touch pad



Battery



Power adapter



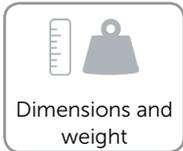
Computer environment



Specifications

Media-card reader

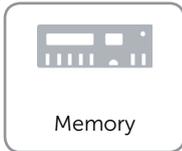
Type	One SD card slot
Cards supported	SD



Dimensions and weight



System information



Memory



Ports and connectors



Communications



Video



Audio



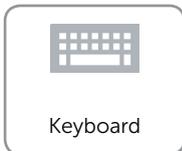
Storage



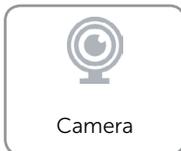
Media-card reader



Display



Keyboard



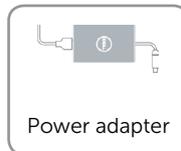
Camera



Touch pad



Battery



Power adapter



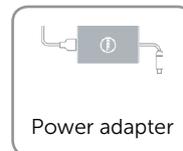
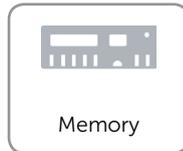
Computer environment



Specifications

Display

Type	14.0-inch TrueLife
Resolution (maximum)	1366 x 768
Dimensions:	
Height	225.06 mm (8.86 in)
Width	366.63 mm (14.43 in)
Diagonal	355.60 mm (14.00 in)
Refresh rate	60 Hz
Operating angle	0 degree (closed) to 135 degrees
Pixel pitch	0.2520 mm
Controls	Brightness can be controlled using shortcut keys





Specifications

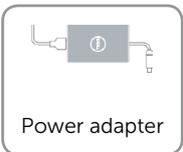
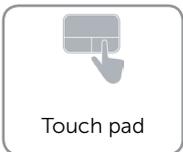
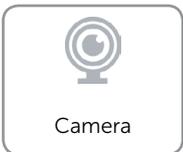
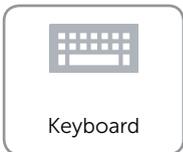
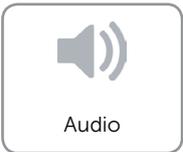
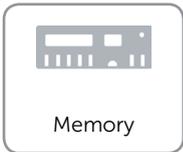
Keyboard

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.](#)





Shortcut keys

	Mute audio		+		Open application menu
	Decrease volume		+		Sleep
	Increase volume		+		Pause/Break
	Play previous track/chapter		+		Toggle between hard-drive activity light/battery-status light NOTE: The hard-drive activity light is not available on computers with eMMC (embedded MultiMediaCard).
	Play/Pause		+		System request
	Play next track/chapter		+		Toggle Scroll Lock
	Switch to external display		+		Home
	Search		+		End
	Decrease brightness		+		Page up
	Increase brightness		+		Page down
	+		Toggle Fn-key lock		
	+		Turn off/on wireless		



Specifications

Camera

Resolution:

Still image 0.92 megapixel

Video 1280 x 720 (HD) at 30 fps (maximum)

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 2040

Vertical 1240

Dimensions:

Width 105 mm (4.13 in)

Height 65 mm (2.56 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



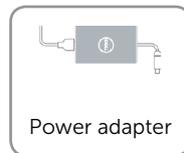
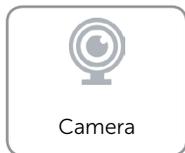
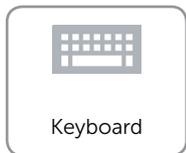
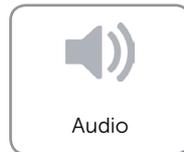
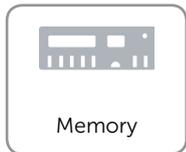
Computer environment



Specifications

Battery

Type	<ul style="list-style-type: none">4-cell 40 WHr smart Lithium ion4-cell 47 WHr smart Lithium ion
Dimensions:	
Height	20.0 mm (0.79 in)
Width	270.2 mm (10.64 in)
Depth	37.5 mm (1.48 in)
Weight (maximum)	0.26 kg (0.57 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

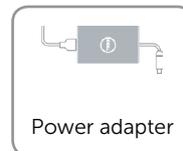
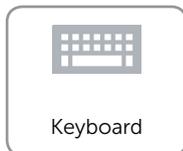
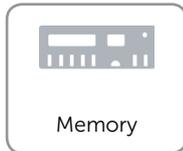




Specifications

Power adapter

Type	45 W
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current	1.30 A
Output current	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)	-15.2 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.

