



Inspiron 14



Views

Specifications

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2014 - 03 Rev. A00

Regulatory model: P53G | Type: P53G001

Computer model: Inspiron 14-3442

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

Indicates the power state and battery state of the computer.

White light — Power adapter is connected and the battery is being charged.

Amber — Battery charge is low or critical.

Blinking yellow light — Battery charge is critical.



Front



Left



Right

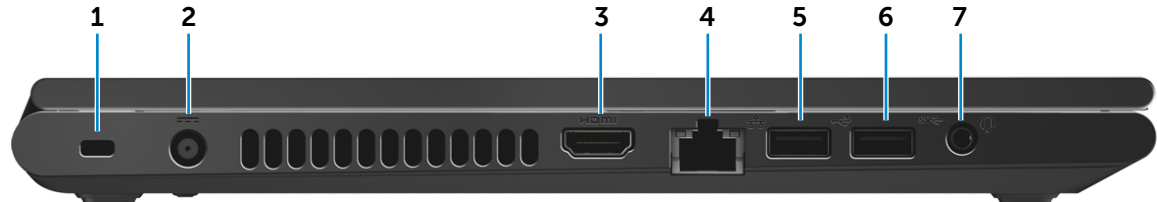


Base



Display

Left



1 Security-cable slot

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

2 Power-adaptor port

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

3 HDMI port

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

4 Network port

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

5 USB 2.0 port

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

6 USB 3.0 port

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

7 Headset port

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



Front



Left



Right

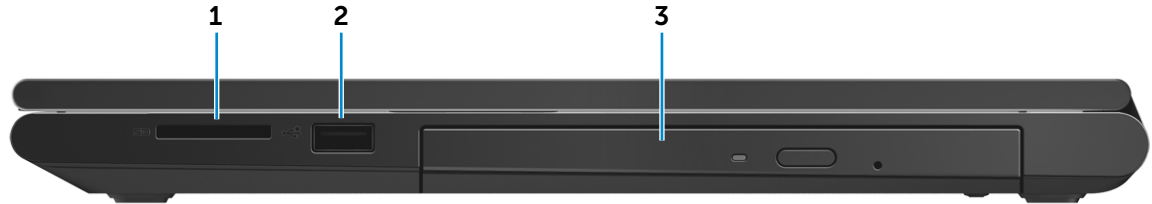


Base



Display

Right



1 Media-card reader

Reads from and writes to media cards.

2 USB 2.0 port

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

3 Optical drive

Reads from and writes to CDs and DVDs.



Views



Front



Left



Right



Base



Display

Base



1 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 dell.com/support.

2 Right-click area

Press to right click.

3 Touchpad

Move your finger on the touchpad to move the mouse pointer. Tap to left-click.

4 Left-click area

Press to left click.



Front



Left



Right

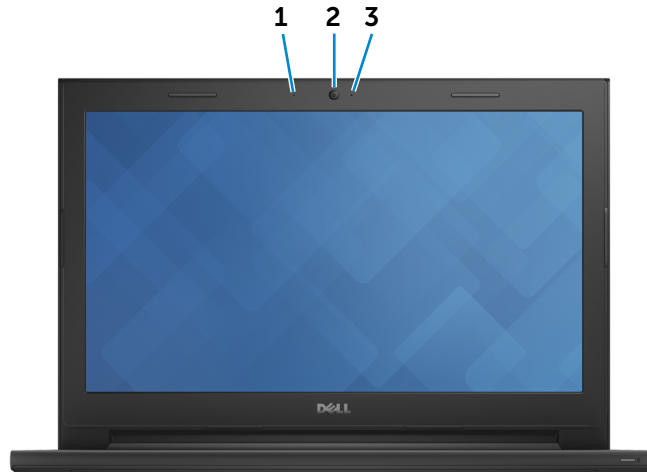


Base



Display

Display



1 Microphone

Provides high-quality digital sound input for audio recording, voice calls, and so on.

2 Camera

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

3 Camera-status light

Turns on when the camera is in use.



Specifications

Dimensions and Weight

Height:	
Touch	26.6 mm (1.04 in)
Non-touch	25.4 mm (1 in)
Width	346 mm (13.62 in)
Depth	246 mm (9.68 in)
Weight (maximum):	
Touch	2.11 kg (4.65 lb)
Non-touch	2.01 kg (4.43 lb)
NOTE: The weight of your laptop varies depending on the configuration ordered and the manufacturing variability.	



Dimensions and
Weight



System
Information



Memory



Ports and
Connectors



Communications



Video



Audio



Storage



Media-Card
Reader



Display



Keyboard



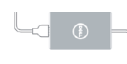
Camera



Touchpad



Battery



Power Adapter



Computer
Environment



Specifications

System Information

Computer model	Inspiron 14-3442
Processor	<ul style="list-style-type: none">• 4th Generation Intel Core i3 Processor (U-Processor Line)• 4th Generation Intel Core i5 Processor (U-Processor Line)• 4th Generation Intel Core i7 Processor (U-Processor Line)• Intel Pentium Dual Core• Intel Celeron
Chipset	Integrated in processor



Dimensions and
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Specifications

Memory


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




Dimensions and Weight




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Touchpad



Battery



Power Adapter



Computer Environment



Specifications

Ports and Connectors

External:

Network	One RJ45 port
USB	<ul style="list-style-type: none">• One USB 3.0 port• Two USB 2.0 ports
Audio/video	<ul style="list-style-type: none">• One HDMI port• One headphone and microphone combo (headset) port

Internal:

Mini-card	One mini-card slot for Wi-Fi and Bluetooth combo card
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Dimensions and
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Specifications

Communications

Ethernet

10/100 Mbps Ethernet controller integrated on system board

Wireless

- 802.11 b/g/n
- Bluetooth 4.0



Dimensions and
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Ports and
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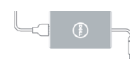
Camera



Touchpad



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Power Adapter



















Computer
Environment



Specifications

Video

Controller:	
Integrated	<ul style="list-style-type: none">Intel HD Graphics 4400 — Intel Core i3/i5/i7Intel HD Graphics — Intel Pentium Dual Core/Celeron
Discrete	nVidia GeForce 820M
Memory:	
Integrated	Shared system memory
Discrete	Up to 2 GB DDR3L


 Dimensions and Weight	 System Information	 Memory	 Ports and Connectors	 Communications	 Video	 Audio	 Storage
 Media-Card Reader	 Display	 Keyboard	 Camera	 Touchpad	 Battery	 Power Adapter	 Computer Environment




Specifications

Audio


Controller	Realtek ALC3234 High-Definition Audio Codec with Waves MaxxAudio
Speakers	Two
Output:	
Average	2 watt
Peak	2.5 watt
Microphone	Digital microphone
Volume controls	Media-control shortcut keys




Dimensions and Weight




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Touchpad



Battery



Power Adapter




Computer Environment




Specifications

Storage


Interface	SATA 6 Gbps
Hard drive	One 2.5-inch drive
Optical drive	One 9.5 mm DVD+/-RW drive




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Battery



Power Adapter



















Computer Environment



Specifications

Media-card reader

Type	One 3-in-1 slot
Cards supported	<ul style="list-style-type: none">• SD card• SD High-Capacity (SDHC) card• SD Extended Capacity (SDXC) card with Ultra High Speed (UHS)

 Dimensions and Weight	 System Information	 Memory	 Ports and Connectors	 Communications	 Video	 Audio	 Storage
 Media-Card Reader	 Display	 Keyboard	 Camera	 Touchpad	 Battery	 Power Adapter	 Computer Environment



Specifications

Display

Type	14.0-inch HD
Resolution (maximum)	1366 x 768
Dimensions:	
Height	205.6 mm (8.09 in)
Width	320.9 mm (12.63 in)
Diagonal	355.6 mm (14 in)
Refresh rate	60 Hz
Operating angle	0 degrees (closed) to 135 degrees
Pixel pitch	0.2265 mm
Controls	Brightness can be controlled using shortcut keys.



Dimensions and
Weight



System
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Memory



Ports and
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Storage



Media-Card
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Keyboard



Camera



Touchpad



Battery



Power Adapter



Computer
Environment



Specifications

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 changing **Function Key Behavior** in System Setup.



Dimensions and Weight



System Information



Memory



Ports and Connectors



Communications



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Storage



Media-Card Reader



Display



Keyboard



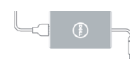
Camera



Touchpad



Battery



Power Adapter




Computer Environment




Specifications

Camera


Resolution:	
Still image	0.92 megapixel
Video	1280 x 720 HD @ 30 FPS
Diagonal viewing angle	74 degrees




Dimensions and Weight




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Power Adapter




Computer Environment




Specifications

Touchpad


Resolution:	
Horizontal	1207 dpi
Vertical	1702 dpi
Dimensions:	
Width	102.4 mm (4.03 in)
Height	57.4 mm (2.25 in)




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Battery



Power Adapter



Computer Environment



Specifications

Battery

Type	4-cell "smart" lithium ion (40 WHr)
Dimensions:	
Width	272.40 mm (10.72 in)
Depth	46.30 mm (1.82 in)
Height	20.00 mm (0.79 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



Dimensions and Weight



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Media-Card Reader



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Power Adapter



Computer Environment



Specifications

Power Adapter

Type	65 W
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current (maximum)	1.50 A/1.60 A/1.70 A/2.50 A
Output current (continuous)	3.34 A/4.62 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)



Dimensions and
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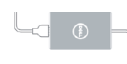
Camera



Touchpad



Battery



Power Adapter



Computer
Environment



Specifications

Computer Environment

Airborne contaminant level	G1 as defined by ISA-S71.04-1985	
	Operating	Storage
Temperature range	0°C to 40°C (32°F to 104°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‡
* 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
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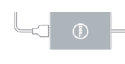
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Power Adapter



Computer
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