



Inspiron 14

5000 Series



[Views](#)

[Specifications](#)

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2014 - 05 Rev. A00

Regulatory model: P49G | Type: P49G001

Computer model: Inspiron 5442

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.

2 Hard-drive activity light

Turns on when the computer reads from or writes to the hard drive.



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 USB 2.0 port

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

4 Media-card reader

Reads from and writes to media cards.



Front



Left



Right

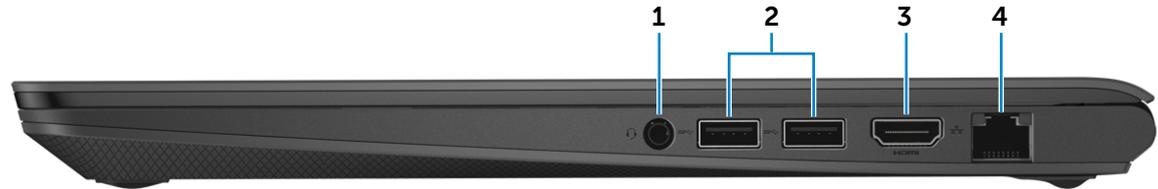


Base



Display

Right



1 Headset port

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

2 USB 3.0 ports (2)

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

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.



Base



Front



Left



Right



Base



Display



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 behaviour 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.



Display



Front



Left



Right



Base



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.

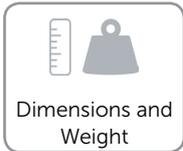


Specifications

Dimensions and Weight

Height	22.4 mm (0.88 in)
Width	342 mm (13.46 in)
Depth	246 mm (9.69 in)
Weight	1.89 kg (4.17 lb)

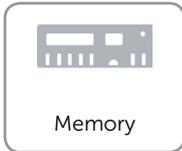
NOTE: The weight of your laptop varies depending on the configuration ordered and the manufacturing variability.



Dimensions and Weight



System Information



Memory



Ports and Connectors



Communications



Video



Audio



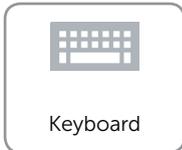
Storage



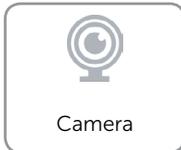
Media-Card Reader



Display



Keyboard



Camera



Touchpad



Battery



Power Adapter



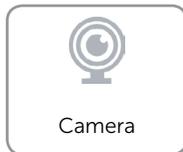
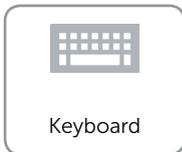
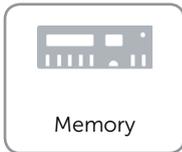
Computer Environment



Specifications

System Information

Computer model	Inspiron 5442
Processor	<ul style="list-style-type: none">4th Generation Intel Core i3 ULV4th Generation Intel Core i5 ULV
L3 cache	3 MB
Chipset	Integrated in processor

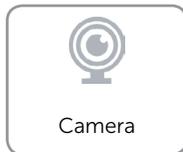
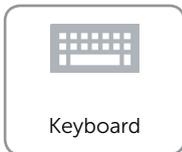
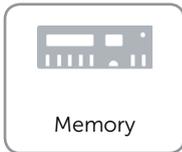




Specifications

Memory

Slots	Two SODIMM slots
Type	Dual-channel DDR3L
Speed	1600 MHz
Configurations supported	4 GB, 6 GB, and 8 GB





Specifications

Ports and Connectors

External:

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

Internal:

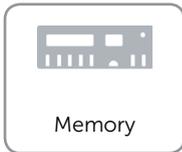
M.2 slot	One M.2-2230 slot for Wi-Fi and Bluetooth combo card
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Dimensions and Weight



System Information



Memory



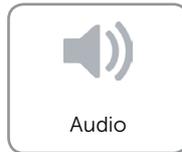
Ports and Connectors



Communications



Video



Audio



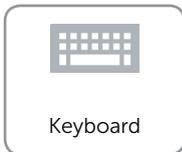
Storage



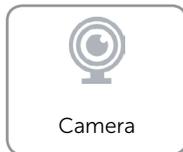
Media-Card Reader



Display



Keyboard



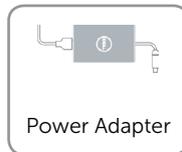
Camera



Touchpad



Battery



Power Adapter



Computer Environment



Specifications

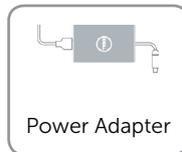
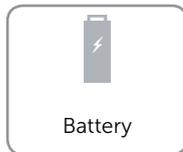
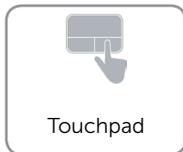
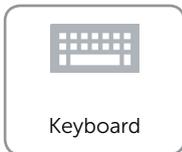
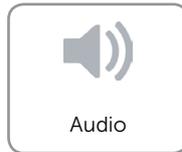
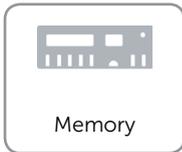
Communications

Ethernet

10/100 Mbps Ethernet controller integrated on system board

Wireless

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

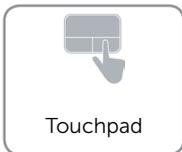
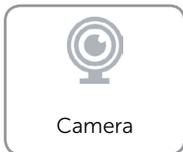
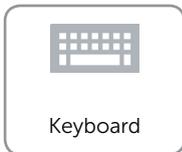
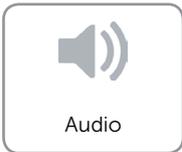
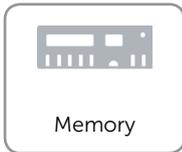




Specifications

Video

Controller:	
Integrated	Intel HD Graphics 4400
Discrete	AMD Radeon HD R5 M240 Graphics
Memory:	
Integrated	Shared system memory
Discrete	2 GB DDR3

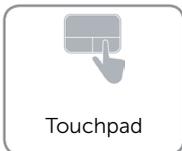
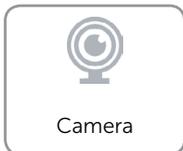
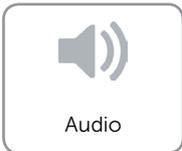
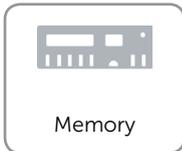




Specifications

Audio

Controller	Realtek ALC3234CG with Waves MaxxAudio
Speakers	Two
Output:	
Average	2 watt
Peak	2.5 watt
Microphone	Digital 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)



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

Media-Card Reader

Type	One 5-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)• Memory Stick (MS)• Memory Stick PRO (MS PRO)



Dimensions and Weight



System Information



Memory



Ports and Connectors



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Media-Card Reader



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Power Adapter



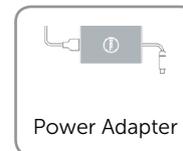
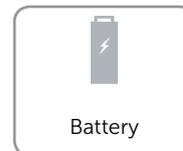
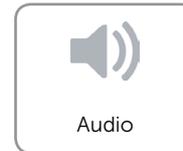
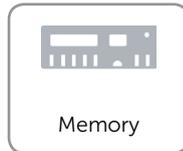
Computer Environment



Specifications

Display

Type	14.0-inch HD
Resolution (maximum)	1366 x 768
Dimensions:	
Height	173.95 mm (6.85 in)
Width	309.40 mm (12.18 in)
Diagonal	355.60 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.





Specifications

Keyboard

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 change the behavior of the shortcut keys by pressing Fn+Esc or by changing **Function Key Behavior** in System Setup.



Dimensions and Weight



System Information



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Ports and Connectors



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Media-Card Reader



Display



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Power Adapter



Computer Environment



Specifications

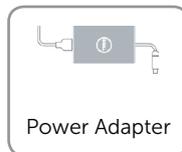
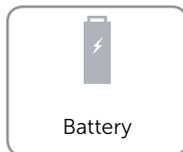
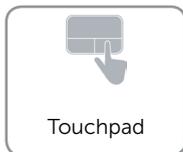
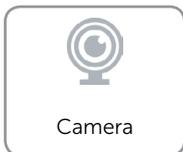
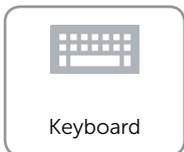
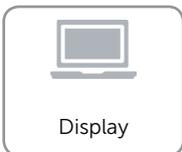
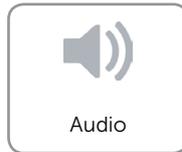
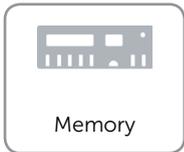
Camera

Resolution:

Still image 0.92 megapixel

Video 1280 x 720 (HD) at 30 fps

Diagonal viewing angle 74 degrees





Specifications

Touchpad

Resolution:

Horizontal 1260 dpi

Vertical 1207 dpi

Dimensions:

Width 105 mm (4.13 in)

Height 80 mm (3.15 in)



Dimensions and Weight



System Information



Memory



Ports and Connectors



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Media-Card Reader



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Touchpad



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Power Adapter



Computer Environment



Specifications

Battery

Type	<ul style="list-style-type: none"> • 3 cell "smart" lithium ion (43.50 WHr) • 4 cell "smart" lithium ion (58 WHr) 	
Dimensions:		
Width	208.25 mm (8.20 in)	
Depth	124.70 mm (4.91 in)	
Height	7.80 mm (0.31 in)	
	3 cell	4 cell
Weight (maximum)	0.28 kg (0.62 lb)	0.35 kg (0.77 lb)
Voltage	11.10 VDC	7.40 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	

Dimensions and Weight

System Information

Memory

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Power Adapter

Computer Environment



Specifications

Power Adapter

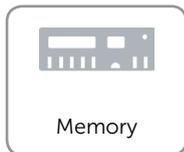
Type	65 W
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current (maximum)	1.50 A
Output current (continuous)	3.34 A
Rated output voltage	19.50 VDC
Temperature range:	
Operating	0°C to 40°C (32°F to 104°F)
Storage	–40°C to 70°C (–40°F to 158°F)



Dimensions and
Weight



System
Information



Memory



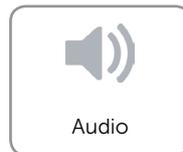
Ports and
Connectors



Communications



Video



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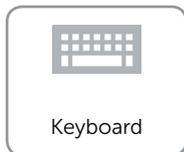
Storage



Media-Card
Reader



Display



Keyboard



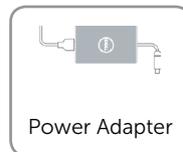
Camera



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 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.

