



Inspiron 14



[Views](#)

[Specifications](#)

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2014 - 03 Rev. A00

Regulatory model: P49G | Type: P49G001

Computer model: Inspiron 5447

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

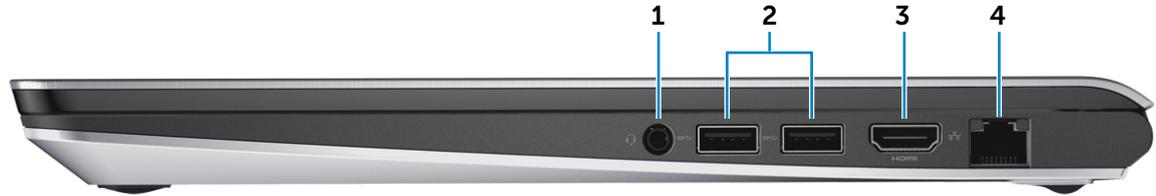


Base



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



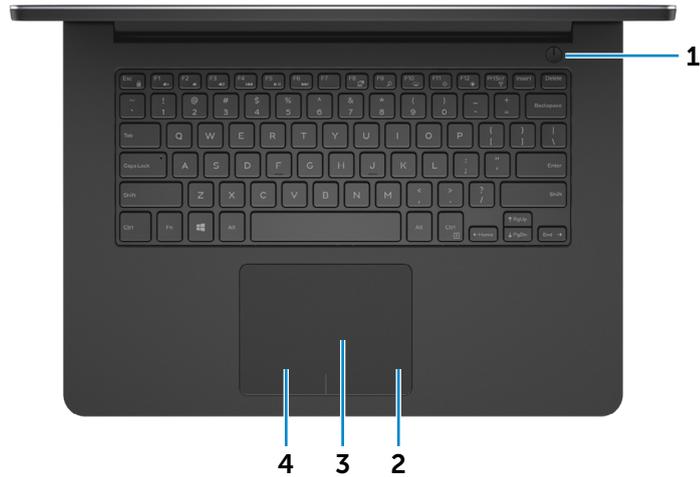
Right



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.



Front



Left



Right



Base



Display

Display



1 Left microphone

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

2 Camera-status light

Turns on when the camera is in use.

3 Camera

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

4 Right microphone

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



Specifications

Dimensions and Weight

Height:

Touch 22 mm (0.87 in)

Non-touch 21.60 mm (0.85 in)

Width 342 mm (13.46 in)

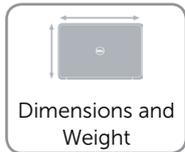
Depth 246 mm (9.69 in)

Weight:

Touch 2.05 kg (4.52 lb)

Non-touch 1.93 kg (4.25 lb)

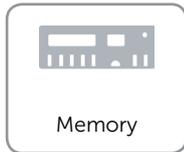
NOTE: The weight of your laptop varies depending on the configuration ordered and the manufacturing variability.



Dimensions and Weight



System Information



Memory



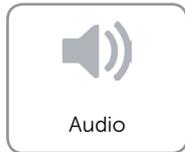
Ports and Connectors



Communications



Video



Audio



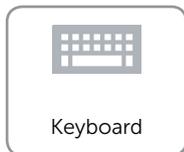
Storage



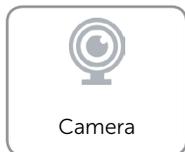
Media-card reader



Display



Keyboard



Camera



Touchpad



Battery



Power Adapter



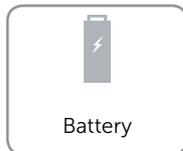
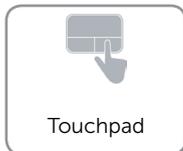
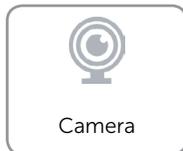
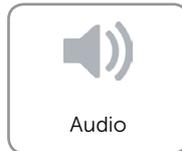
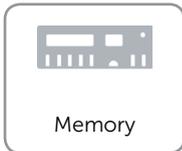
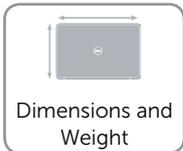
Computer Environment



Specifications

System Information

Computer model	Inspiron 5447
Processor	<ul style="list-style-type: none">• 4th Generation Intel Core i3 ULV• 4th Generation Intel Core i5 ULV• 4th Generation Intel Core i7 ULV
L3 cache	4 MB
Chipset	Integrated in processor

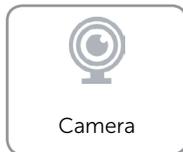
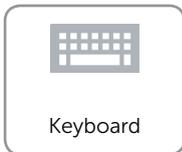
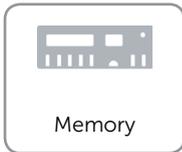
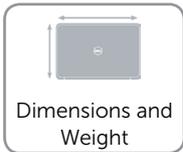




Specifications

Memory

Slots	Two SODIMM slots
Type	Dual-channel DDR3L
Speed	1600 MHz
Configurations supported	4 GB, 6 GB, 8 GB, 12 GB, and 16 GB





Specifications

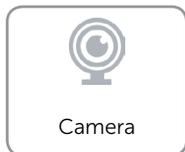
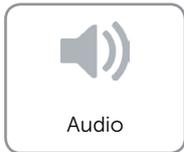
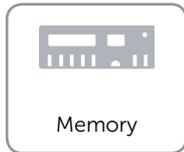
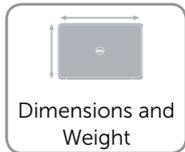
Ports and Connectors

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 Card	One M.2-2230 slot for Wi-Fi and Bluetooth combo card
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Specifications

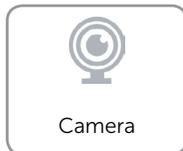
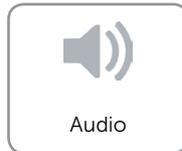
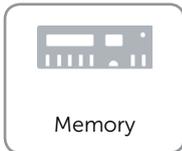
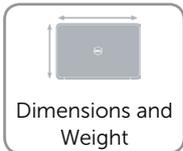
Communications

Ethernet

10/100 Mbps Ethernet controller integrated on system board

Wireless

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

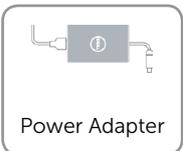
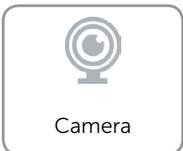
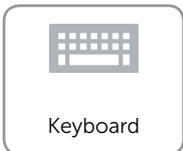
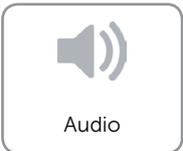
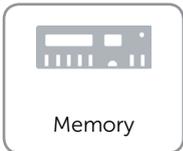
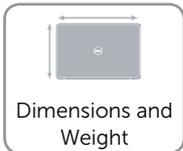




Specifications

Video

Controller:	
Integrated	Intel HD Graphics 4400
Discrete	AMD Radeon R7 M265
Memory:	
Integrated	Shared system memory
Discrete	2 GB DDR3

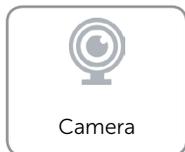
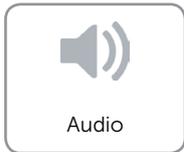
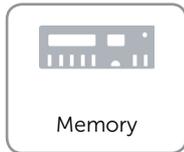
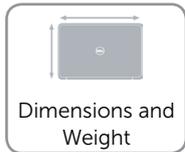




Specifications

Audio

Controller	Realtek ALC3234CG with Waves MaxxAudio
Speakers	Two
Output:	
Average	2 watt
Peak	2.5 watt
Microphone	Digital array-microphones
Volume controls	Media-control shortcut keys

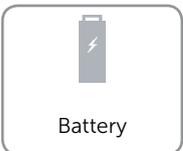
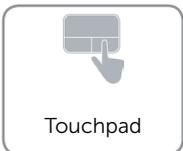
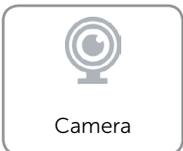
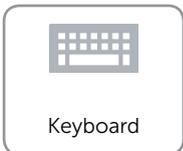
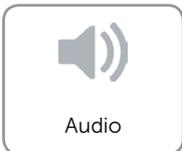
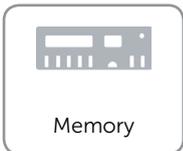
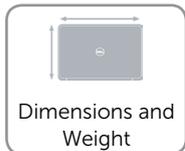




Specifications

Storage

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

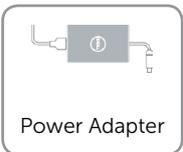
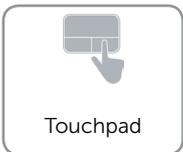
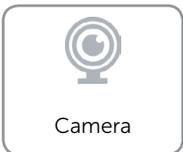
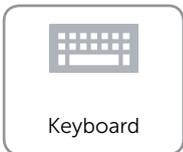
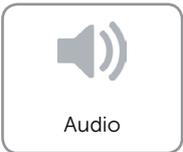
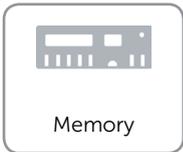
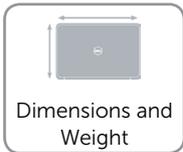




Specifications

Media-card reader

Type	One 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)

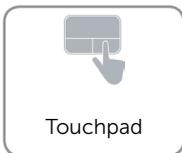
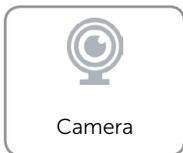
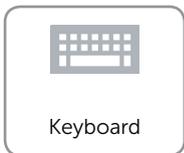
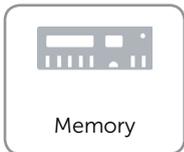
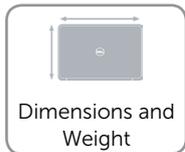




Specifications

Display

Type	<ul style="list-style-type: none">• 14.0-inch HD• 14.0-inch HD touchscreen
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

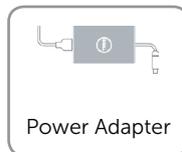
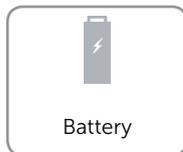
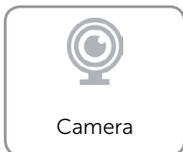
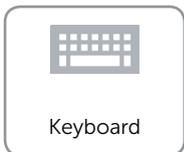
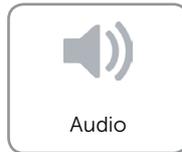
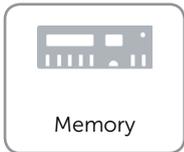
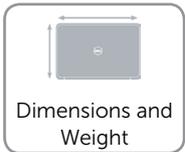
Type

- Standard keyboard
- Backlit keyboard – optional

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.





Specifications

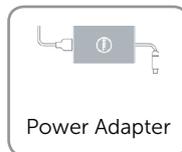
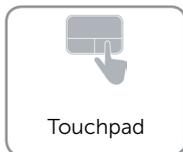
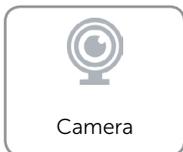
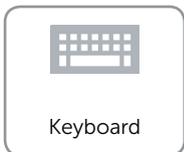
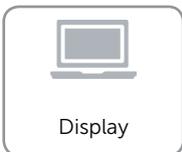
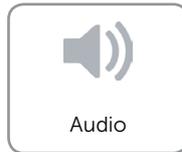
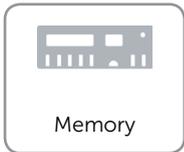
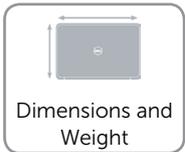
Camera

Resolution:

Still image 0.92 megapixel

Video 1280 x 720 (HD) at 30 fps

Diagonal viewing angle 74 degrees





Specifications

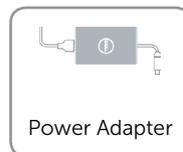
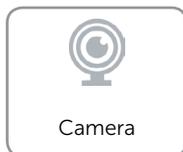
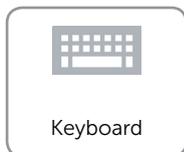
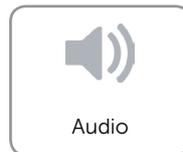
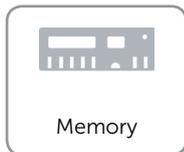
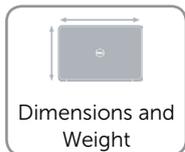
Touchpad

Resolution:

Horizontal	1260 dpi
Vertical	1207 dpi

Dimensions:

Width	105 mm (4.13 in)
Height	80 mm (3.15 in)

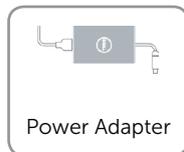
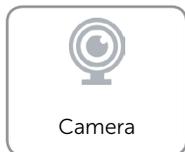
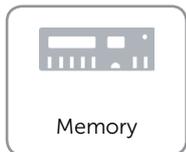
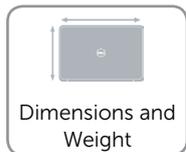




Specifications

Battery

Type	<ul style="list-style-type: none"> 3 cell "smart" lithium ion (43.50 WHr) 4 cell "smart" lithium ion (58 WHr) 	
	3 cell	4 cell
Dimensions:		
Width	208.25 mm (8.20 in)	
Depth	124.70 mm (4.91 in)	
Height	7.80 mm (0.31 in)	
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	

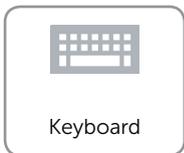
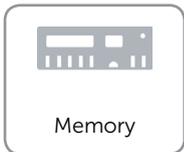
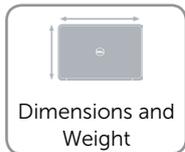




Specifications

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)





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.

