



Inspiron 15

5000 Series



[Views](#)

[Specifications](#)

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2014 - 11 Rev. A01

Regulatory model: P39F | Type: P39F001

Computer model: Inspiron 5542/Inspiron 5543

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 light — 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 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 dell.com/support/manuals.

2 Right-click area

Press to right click.

3 Touch pad

Move your finger on the touch pad 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 screen (Inspiron 5542 only) 23.20 mm (0.91 in)

Non-touch screen 22.70 mm (0.89 in)

Width 380.40 mm (14.98 in)

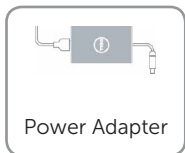
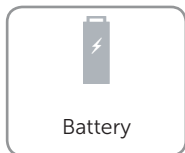
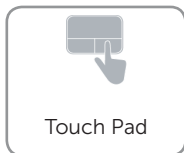
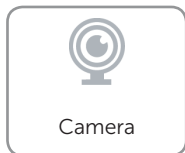
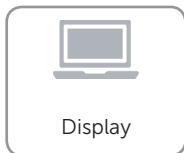
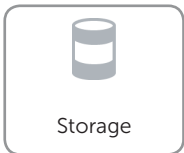
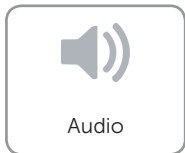
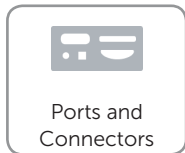
Depth 259 mm (10.20 in)

Weight:

Touch screen (Inspiron 5542 only) 2.31 kg (5.09 lb)

Non-touch screen 2.13 kg (4.70 lb)

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





Specifications

System Information

Computer model

- Inspiron 5542
- Inspiron 5543

Processor

Inspiron 5542

- 4th Generation Intel Core i3 ULV
- 4th Generation Intel Core i5 ULV

Inspiron 5543

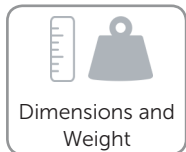
5th Generation Intel Core i5 ULV

L3 cache

3 MB

Chipset

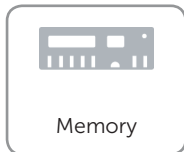
Integrated in processor



Dimensions and Weight



System Information



Memory



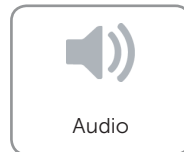
Ports and Connectors



Communications



Video



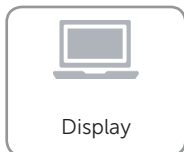
Audio



Storage



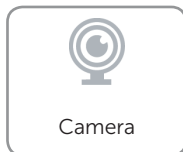
Media-Card Reader



Display



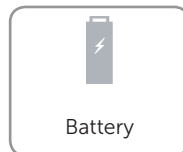
Keyboard



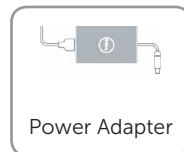
Camera



Touch Pad



Battery



Power Adapter



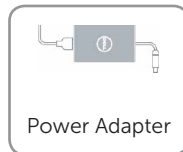
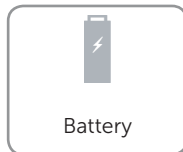
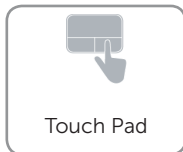
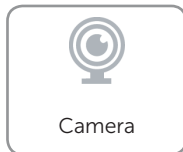
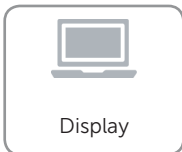
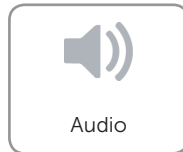
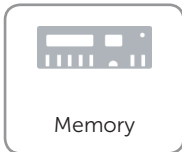
Computer Environment



Specifications

Memory

Slots	Two SODIMM slots
Type	Dual channel DDR3L
Speed	1600 MHz
Configurations supported	2 GB, 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
HDMI	One HDMI port
Audio	One headset port

Internal:

M.2	One M.2-2230 slot for WLAN, Bluetooth, and Intel WiDi (optional)
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Dimensions and Weight



System Information



Memory



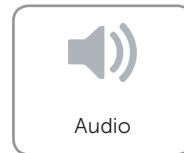
Ports and Connectors



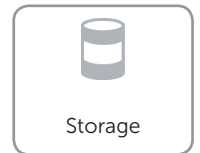
Communications



Video



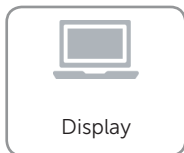
Audio



Storage



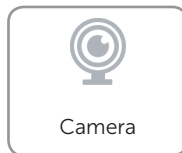
Media-Card Reader



Display



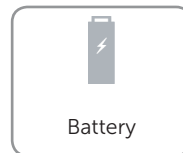
Keyboard



Camera



Touch Pad



Battery



Power Adapter



Computer Environment



Specifications

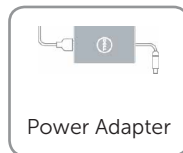
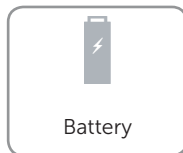
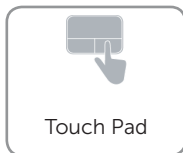
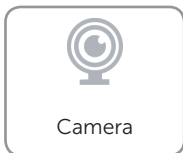
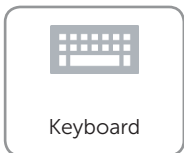
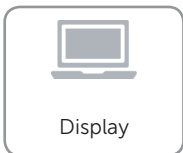
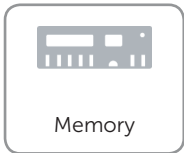
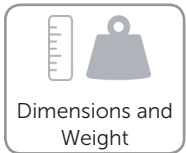
Communications

Ethernet

10/100 Mbps Ethernet controller integrated on system board

Wireless

- Wi-Fi 802.11b/g/n/ac
- Bluetooth 4.0
- Intel WiDi (optional)
- Miracast (Windows 8.1)

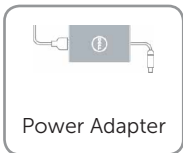
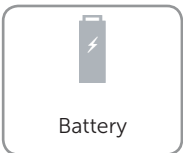
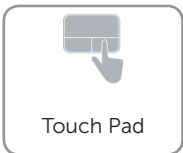
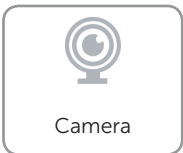
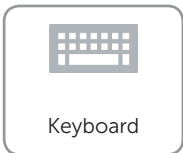
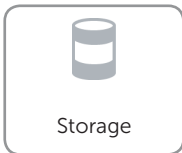
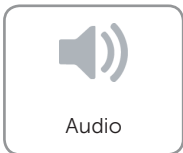
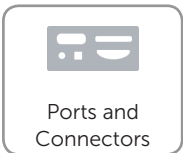
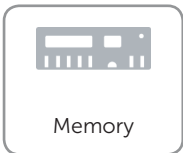




Specifications

Video

	Controller	Memory
Integrated	<ul style="list-style-type: none">Inspiron 5542—Intel HD Graphics 4400Inspiron 5543—Intel HD Graphics 5500	Shared system memory
Discrete	AMD Radeon R5 M240 Graphics	2 GB DDR3





Specifications

Audio

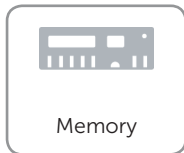
Controller	Realtek ALC3234CG with Waves MaxxAudio
Speakers	Two
Speaker output:	
Average	2 W
Peak	2.5 W
Microphone	Digital microphone
Volume controls	Media-control shortcut keys



Dimensions and Weight



System Information



Memory



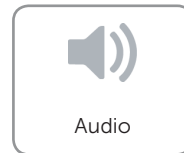
Ports and Connectors



Communications



Video



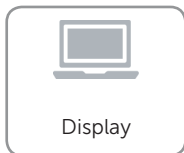
Audio



Storage



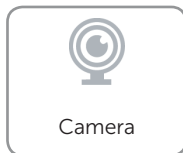
Media-Card Reader



Display



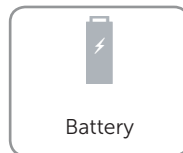
Keyboard



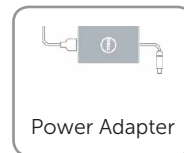
Camera



Touch Pad



Battery



Power Adapter



Computer Environment



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




Touch Pad



Battery



Power Adapter



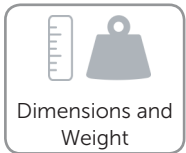
Computer Environment



Specifications

Media-Card Reader

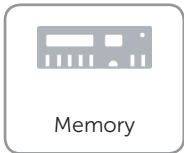
Type	One 5-in-1 slot
Cards supported	<ul style="list-style-type: none">• SD card• SD 3.0 card• SD High-Capacity (SDHC) card• Memory Stick• Memory Stick Pro



Dimensions and Weight



System Information



Memory



Ports and Connectors



Communications



Video



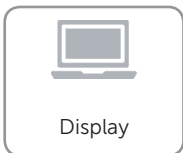
Audio



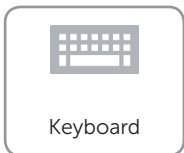
Storage



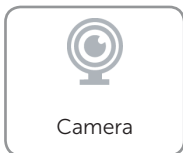
Media-Card Reader



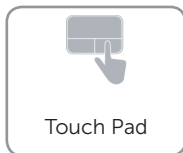
Display



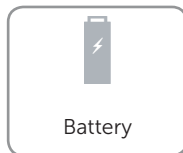
Keyboard



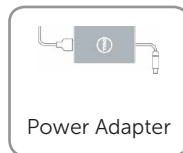
Camera



Touch Pad



Battery



Power Adapter



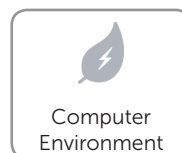
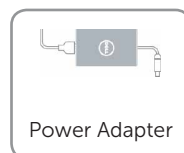
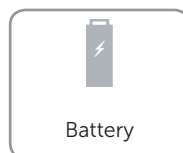
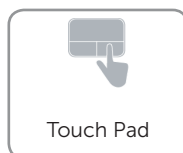
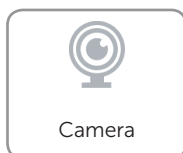
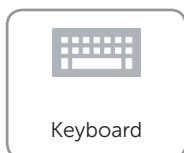
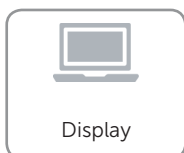
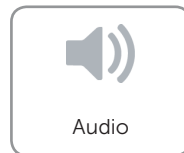
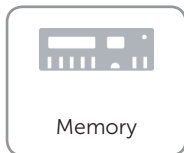
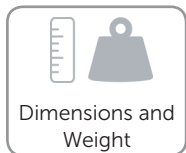
Computer Environment



Specifications

Display

Type	<ul style="list-style-type: none">15.6-inch HD15.6-inch HD touch screen (Inspiron 5542 only)	
Refresh rate	60 Hz	
Operating angle	0 degree (closed) to 135 degrees	
Controls	Brightness can be controlled using shortcut keys.	
Resolution (maximum)	1366 x 768	
Pixel pitch	0.252 mm	
	Non-touch screen	Touch screen (Inspiron 5542 only)
Dimensions:		
Height	224.30 mm (8.83 in)	225.06 mm (8.86 in)
Width	344.20 mm (13.55 in)	344.23 mm (13.55 in)
Diagonal	360 mm (14.17 in)	366.63 mm (14.43 in)





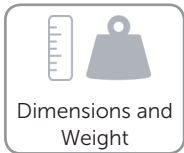
Specifications

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.

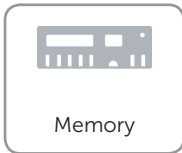
NOTE: You can define the primary behavior of the shortcut keys by changing **Function Key Behavior** in BIOS setup program.



Dimensions and Weight



System Information



Memory



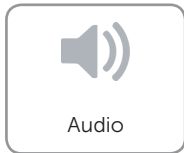
Ports and Connectors



Communications



Video



Audio



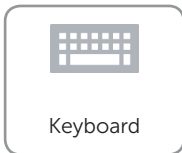
Storage



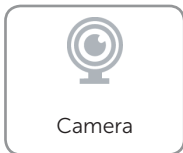
Media-Card Reader



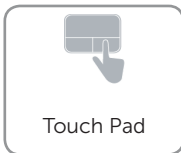
Display



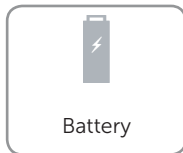
Keyboard



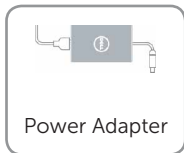
Camera



Touch Pad



Battery



Power Adapter



Computer Environment



Specifications

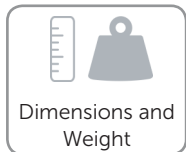
Camera

Resolution:

Still image 0.92 megapixels

Video 1280 x 720 (HD) at 30 fps

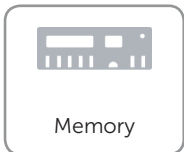
Diagonal viewing angle 74 degrees



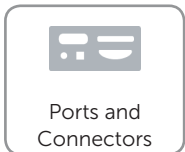
Dimensions and Weight



System Information



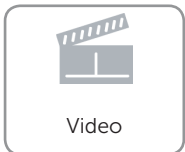
Memory



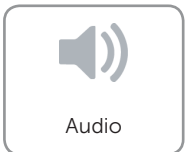
Ports and Connectors



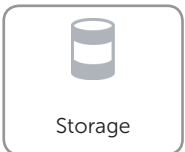
Communications



Video



Audio



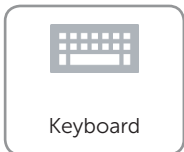
Storage



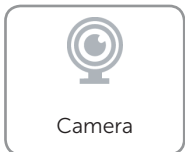
Media-Card Reader



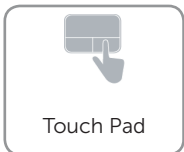
Display



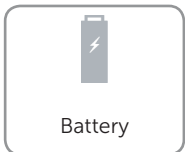
Keyboard



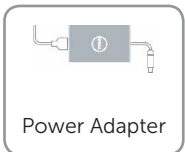
Camera



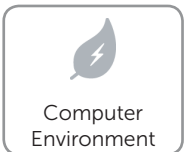
Touch Pad



Battery



Power Adapter



Computer Environment



Specifications

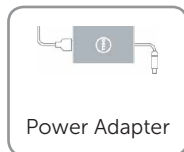
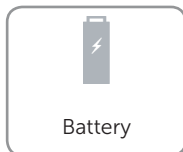
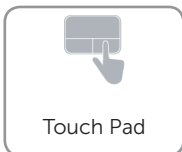
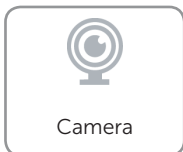
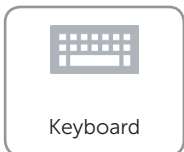
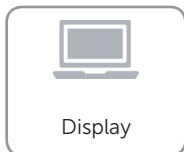
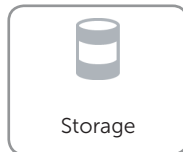
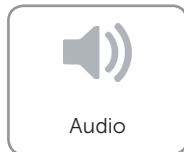
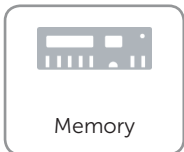
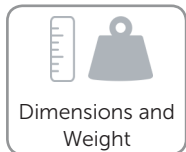
Touch Pad

Resolution:

Horizontal	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)
Dimensions:	
Width	208.25 mm (8.20 in)
Depth	124.70 mm (4.91 in)
Height	7.80 mm (0.31 in)
Life span (approximate)	300 discharge/charge cycles
Operating time	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.
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

	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
Charging time when the computer is off (approximate)	4 hours	

Dimensions and Weight

System Information

Memory

Ports and Connectors

Communications

Video

Audio

Storage

Media-Card Reader

Display

Keyboard

Camera

Touch Pad

Battery

Power Adapter

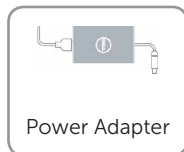
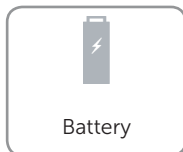
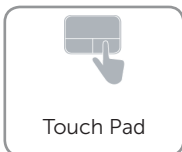
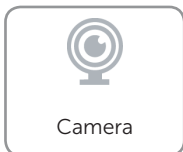
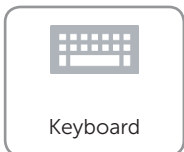
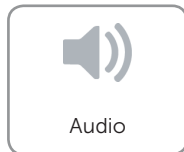
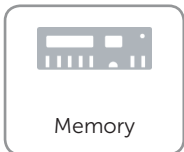
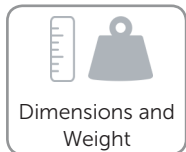
Computer Environment



Specifications

Power Adapter

Type	65 W
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current	1.50 A
Output current	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.

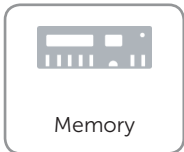
‡ Measured using a 2 ms half-sine pulse when the hard-drive head is in parked position.



Dimensions and Weight



System Information



Memory



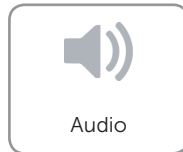
Ports and Connectors



Communications



Video



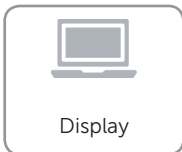
Audio



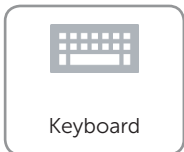
Storage



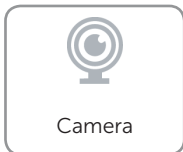
Media-Card Reader



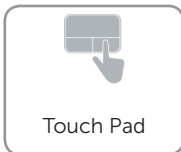
Display



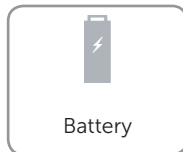
Keyboard



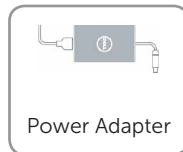
Camera



Touch Pad



Battery



Power Adapter



Computer Environment