



# Inspiron 15

## 5000 Series



[Views](#)

[Specifications](#)

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2014 - 11 Rev. A00

Regulatory model: P39F | Type: P39F001

Computer model: Inspiron 5548

**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 adaptor 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.



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/manuals](https://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

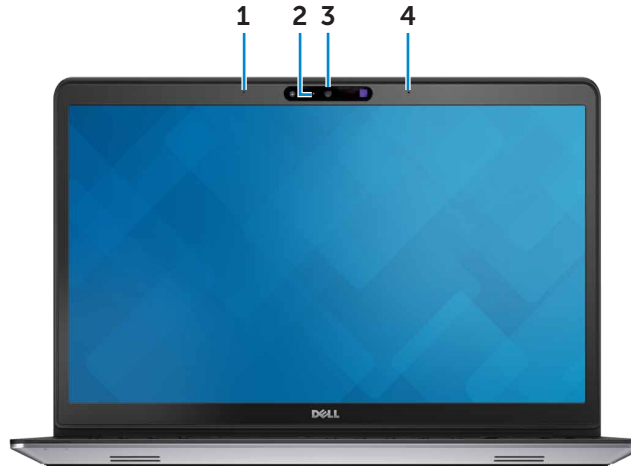


Base



Display

## Display



### 1 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 Intel RealSense 3D Camera

Allows you to capture and stream three-dimensional images. Enables enhanced interactivity during video conferencing, online gaming, and so on.

### 4 Right microphone

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

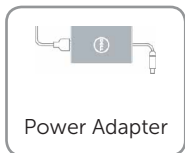
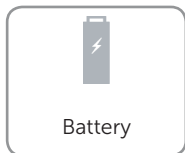
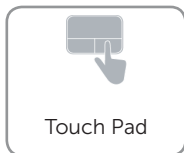
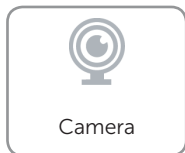
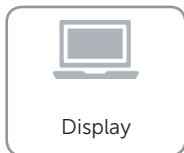
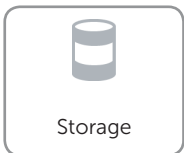
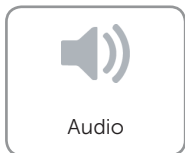
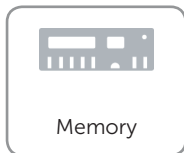
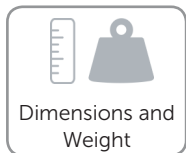


# Specifications

## Dimensions and Weight

Height	22 mm (0.87 in)
Width	380.40 mm (14.98 in)
Depth	259 mm (10.20 in)
Weight	2.38 kg (5.25 lb)

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

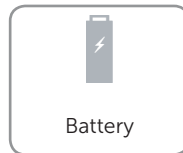
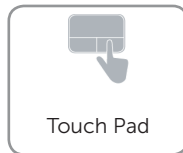
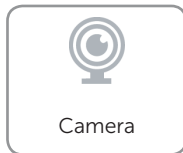
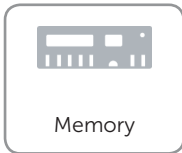
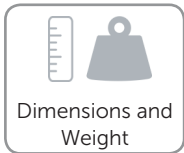




# Specifications

## System Information

Computer model	Inspiron 5548
Processor	<ul style="list-style-type: none"><li>• 5<sup>th</sup> Generation Intel Core i5 ULV</li><li>• 5<sup>th</sup> Generation Intel Core i7 ULV</li></ul>
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



Dimensions and Weight



System Information



Memory




Ports and Connectors



Communications



Video



Audio




Storage




Media-Card Reader




Display




Keyboard




Camera




Touch Pad



Battery



Power Adapter



Computer Environment



# Specifications

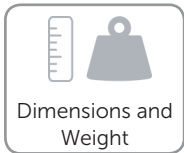
## Ports and Connectors

### External:

Network	One RJ45 port
USB	<ul style="list-style-type: none"><li>• One USB 2.0 port</li><li>• Two USB 3.0 ports</li></ul>
HDMI	One HDMI port
Audio	One headset port

### Internal:

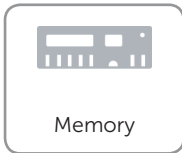
M.2	One M.2-2230 slot for WLAN, Bluetooth, and Intel WiDi (optional)
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Dimensions and Weight



System Information



Memory



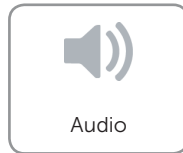
Ports and Connectors



Communications



Video



Audio



Storage



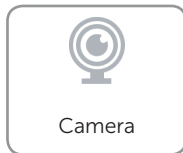
Media-Card Reader



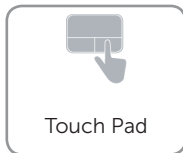
Display



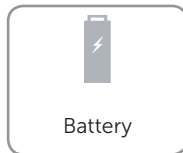
Keyboard



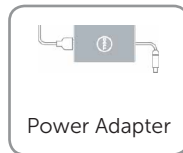
Camera



Touch Pad



Battery



Power Adapter



Computer Environment



# Specifications

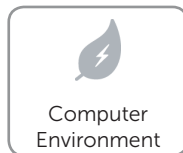
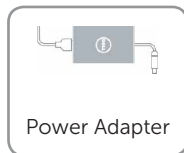
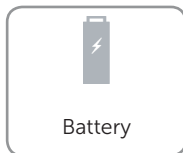
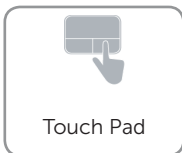
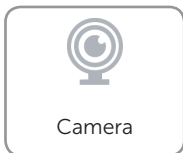
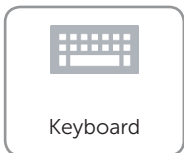
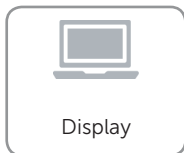
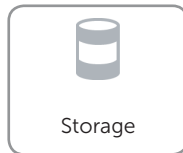
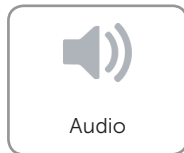
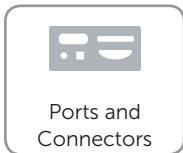
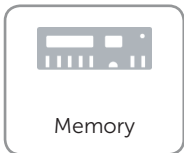
## Communications

Ethernet

10/100 Mbps Ethernet controller integrated on system board

Wireless

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

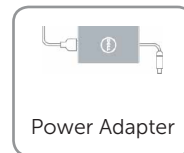
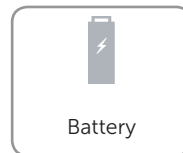
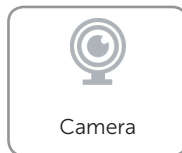
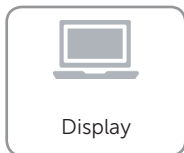
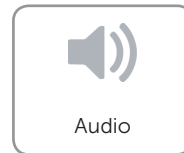
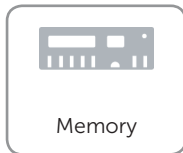




# Specifications

## Video

	Controller	Memory
Integrated	Intel HD Graphics 5500	Shared system memory
Discrete	<ul style="list-style-type: none"><li>• AMD Radeon R7 M265</li><li>• AMD Radeon R7 M270</li></ul>	<ul style="list-style-type: none"><li>• 2 GB DDR3</li><li>• 4 GB DDR3</li></ul>





# Specifications

## Audio

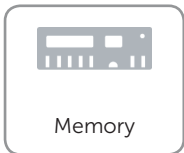
Controller	Realtek ALC3234CG with Waves MaxxAudio
Speakers	Two
Speaker output:	
Average	2 W
Peak	2.5 W
Microphone	Digital array-microphones
Volume controls	Media-control shortcut keys



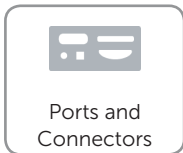
Dimensions and Weight



System Information



Memory



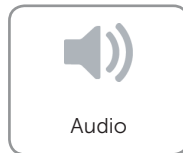
Ports and Connectors



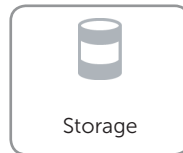
Communications



Video



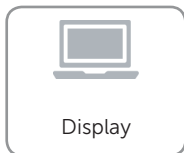
Audio



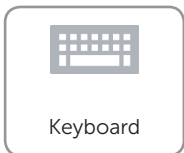
Storage



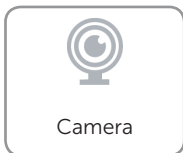
Media-Card Reader



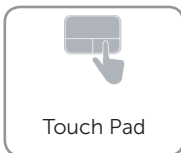
Display



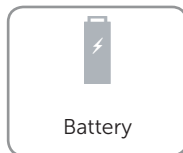
Keyboard



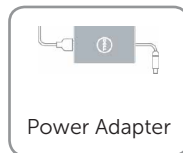
Camera



Touch Pad



Battery



Power Adapter



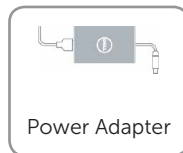
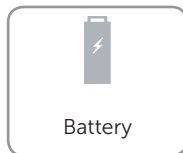
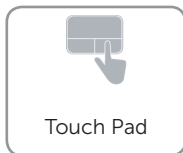
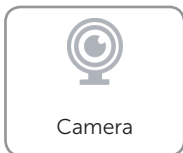
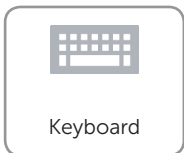
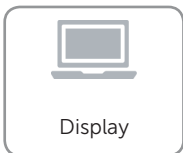
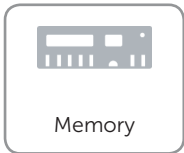
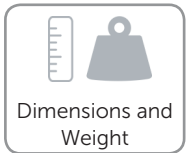
Computer Environment



# Specifications

## Storage

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

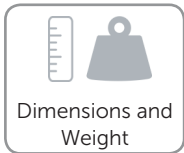




# Specifications

## Media-Card Reader

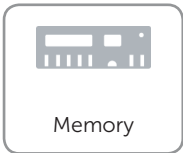
Type	One 5-in-1 slot
Cards supported	<ul style="list-style-type: none"><li>• SD card</li><li>• SD 3.0 card</li><li>• SD High-Capacity (SDHC) card</li><li>• Memory Stick</li><li>• Memory Stick Pro</li></ul>



Dimensions and Weight



System Information



Memory



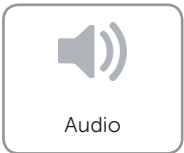
Ports and Connectors



Communications



Video



Audio



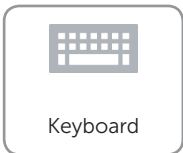
Storage



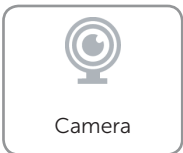
Media-Card Reader



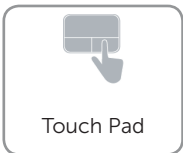
Display



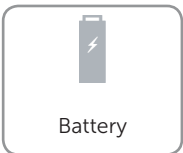
Keyboard



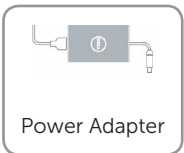
Camera



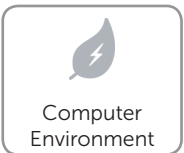
Touch Pad



Battery



Power Adapter



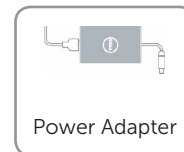
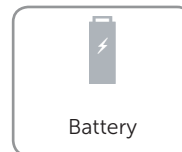
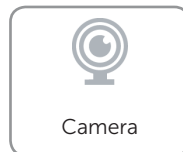
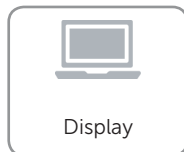
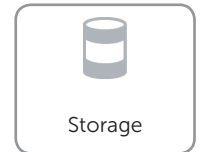
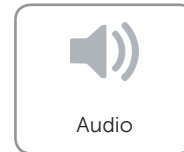
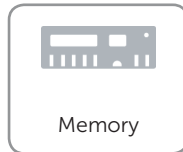
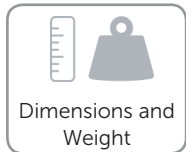
Computer Environment



# Specifications

## Display

Type	<ul style="list-style-type: none"> <li>• 15.6-inch HD touch screen</li> <li>• 15.6-inch full-HD touch screen</li> </ul>		
Refresh rate	60 Hz		
Operating angle	0 degree (closed) to 135 degrees		
Controls	Brightness can be controlled using shortcut keys.		
	HD touch screen	HD touch screen (Intel RealSense 3D camera)	Full-HD touch screen (Intel RealSense 3D camera)
Resolution (maximum)	1366 x 768	1366 x 768	1920 x 1080
Pixel pitch	0.252 mm	0.252 mm	0.17925 mm
Dimensions:			
Height	224.30 mm (8.83 in)	225.06 mm (8.86 in)	225.06 mm (8.86 in)
Width	344.20 mm (13.55 in)	344.23 mm (13.55 in)	344.16 mm (13.55 in)
Diagonal	360 mm (14.17 in)	366.63 mm (14.43 in)	366.63 mm (14.43 in)







# Specifications

## Keyboard

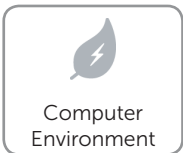
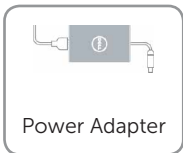
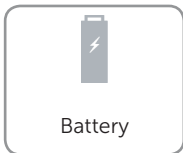
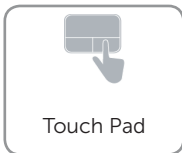
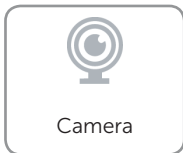
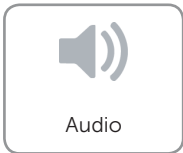
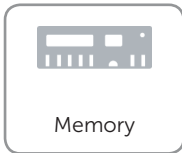
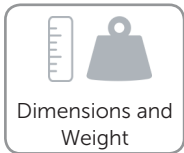
### Type

- 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 BIOS setup program.





# Specifications

## Camera

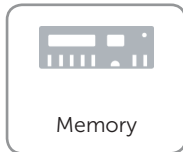
	Photo/Video (Intel RealSense 3D Camera)	Infrared with (Intel RealSense 3D Camera)	Photo/Video
Resolution (maximum)	1920 x 1080 (FHD)	640 x 480 (VGA)	1280 x 720 (HD)
Aspect ratio	16:9	4:3	16:9
Frame rate (varies with resolution)	30/60/120 fps	30/60/120 fps	30 fps
Diagonal viewing angle	77 degrees	90 degrees	74 degrees
Field of view	77 x 43 x 70 degrees	90 x 59 x 73 degrees	N/A
Depth data types	N/A	Depth, texture mapping, infrared, and word mapping	N/A
Still image		2 megapixels	0.92 megapixels
Effective range		0.20 m–1.20 m	N/A
Effective range for gestures		FHD: 20 cm–55 cm VGA: 20 cm–60 cm	N/A
Effective range for face tracking		2D face tracking: 35 cm–120 cm 3D face tracking: 35 cm–70 cm	N/A



Dimensions and Weight



System Information



Memory



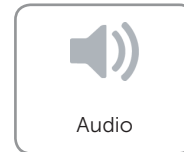
Ports and Connectors



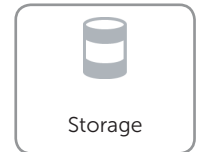
Communications



Video



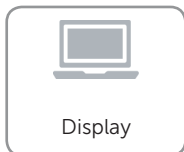
Audio



Storage



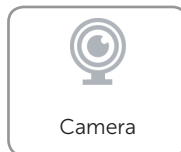
Media-Card Reader



Display



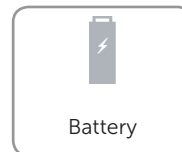
Keyboard



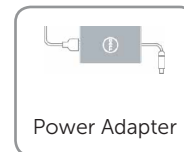
Camera



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)



Dimensions and Weight



System Information



Memory



Ports and Connectors



Communications



Video



Audio



Storage



Media-Card Reader



Display



Keyboard



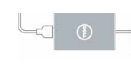
Camera



Touch Pad



Battery



Power Adapter



Computer Environment



# Specifications

## Battery

Type	<ul style="list-style-type: none"> <li>3-cell "smart" lithium ion (43.50 WHr)</li> <li>4-cell "smart" lithium ion (58 WHr)</li> </ul>	
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	3 cell	4 cell
Dimensions:		
Width	208.25 mm (8.20 in)	208.25 mm (8.20 in)
Depth	124.70 mm (4.91 in)	124.70 mm (4.91 in)
Height	7.80 mm (0.31 in)	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
Charging time when the computer is off (approximate)	4 hours	
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)	
Operating time	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.	

Coin-cell battery	CR-2032
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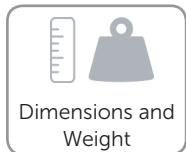
Dimensions and Weight	System Information	Memory	Ports and Connectors	Communications	Video	Audio	Storage
Media-Card Reader	Display	Keyboard	Camera	Touch Pad	Battery	Power Adapter	Computer Environment



# Specifications

## Power Adapter

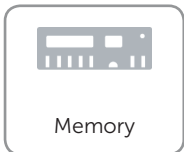
Type	65 W
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current	1.50 A
Output current	3.34 A
Rated output voltage	19.50 VDC
Temperature range:	
Operating	0°C to 40°C (32°F to 104°F)
Storage	–40°C to 70°C (–40°F to 158°F)



Dimensions and  
Weight



System  
Information



Memory



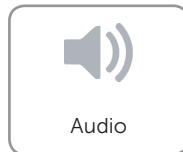
Ports and  
Connectors



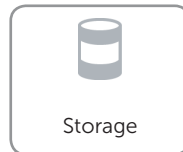
Communications



Video



Audio



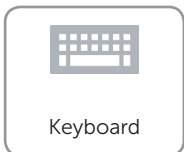
Storage



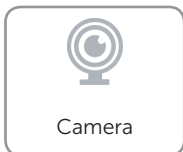
Media-Card  
Reader



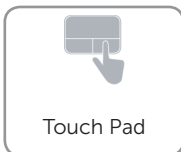
Display



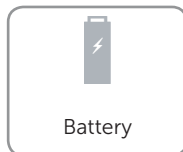
Keyboard



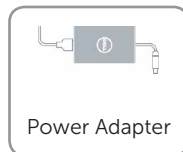
Camera



Touch Pad



Battery



Power Adapter



Computer  
Environment



# Specifications

## 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 <sup>†</sup>	160 G <sup>‡</sup>
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.

