



Inspiron 15

7000 Series



[Views](#)

[Specifications](#)

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2014 - 11 Rev. A01

Regulatory model: P41F | Type: P41F001

Computer model: Inspiron 7547/Inspiron 7548

NOTE: The images in this document may differ from your computer depending on the configuration you ordered.



Front



Left



Right

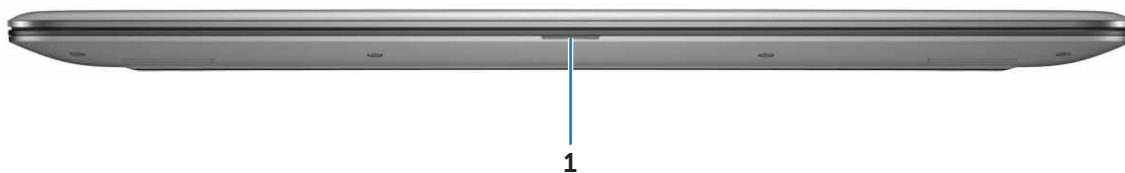


Base



Display

Front



- 1 Battery/Power-status light**
Indicates the battery-charge status.
Inspiron 7548 only: Press Fn+H to toggle this light between hard-drive/battery-status light.



Front



Left



Right



Base



Display

Left



1 Power-adaptor port

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

2 HDMI port

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


4 Headset port

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

3 USB 3.0 port with PowerShare

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

PowerShare allows you to charge your USB devices even when your computer is turned off.

 **NOTE:** If your computer is powered off or in Hibernate state, you must connect the power adapter to charge your devices using the PowerShare port. You must enable this feature in BIOS setup program.

 **NOTE:** Certain USB devices may not charge when the computer is powered off or in the Sleep state. In such cases, turn on the computer to charge the device.



Front



Left



Right



Base



Display

Right



1 Media-card reader

Reads from and writes to media cards.

2 USB 3.0 port

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

3 USB 2.0 port

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

4 Security-cable slot

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



Front



Left



Right

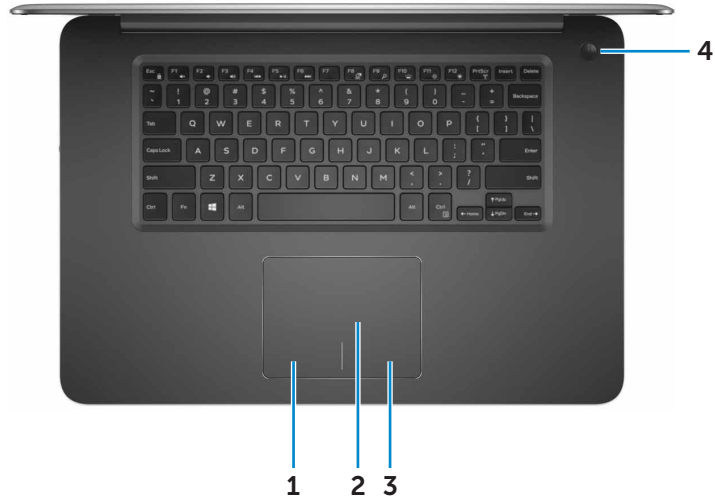


Base



Display

Base



1 Left-click area

Press to left click.

2 Touch pad

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

3 Right-click area


Press to right click.

4 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.



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.

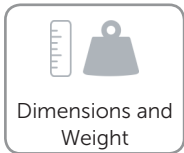


Specifications

Dimensions and Weight

Height	19.90 mm (0.78 in)
Width	377.80 mm (14.87 in)
Depth	261.20 mm (10.28 in)
Weight (maximum)	2.20 kg (4.85 lb)

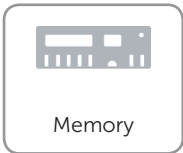
NOTE: The weight of your laptop varies depending on the configuration ordered and the manufacturing variability.



Dimensions and Weight



System Information



Memory



Ports and Connectors



Communications



Video



Audio



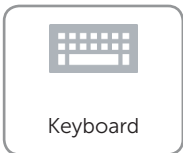
Storage



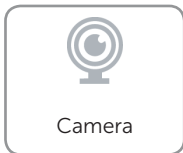
Media-Card Reader



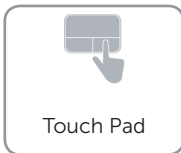
Display



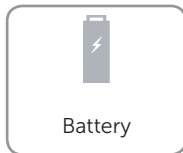
Keyboard



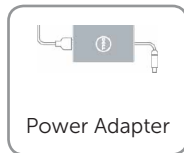
Camera



Touch Pad



Battery



Power Adapter



Computer Environment



Specifications

System Information

Computer model	<ul style="list-style-type: none">Inspiron 7547Inspiron 7548
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Inspiron 7547

Inspiron 7548

Processor	<ul style="list-style-type: none">4th generation Intel Core i5 ULV4th generation Intel Core i7 ULV	<ul style="list-style-type: none">5th generation Intel Core i5 ULV5th generation Intel Core i7 ULV
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Chipset	Integrated in processor	
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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

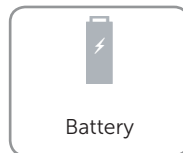
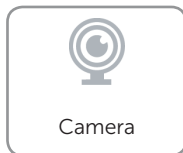
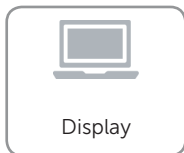
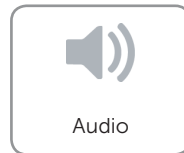
Computer Environment



Specifications

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:

USB

- One USB 2.0 port
- One USB 3.0 port
- One USB 3.0 port with PowerShare

Audio/Video

- One HDMI port
- One headphone and microphone combo (headset) port

Internal:

NGFF slot

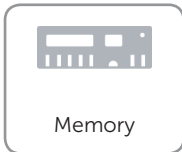
One NGFF slot for Wi-Fi and Bluetooth combo card



Dimensions and Weight



System Information



Memory



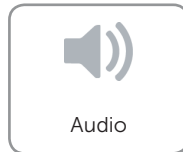
Ports and Connectors



Communications



Video



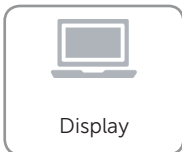
Audio



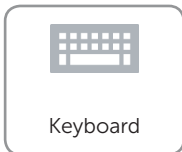
Storage



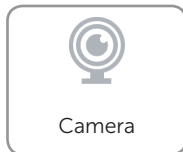
Media-Card Reader



Display



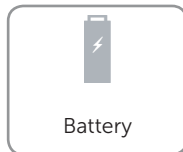
Keyboard



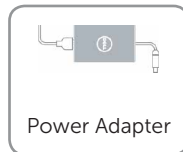
Camera



Touch Pad



Battery



Power Adapter



Computer Environment

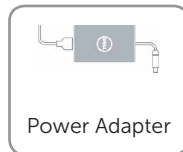
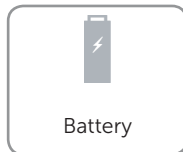
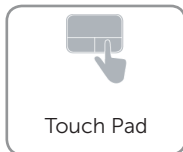
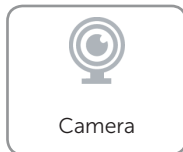
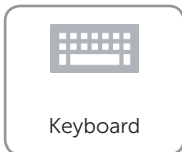
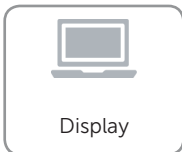
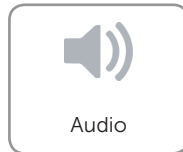
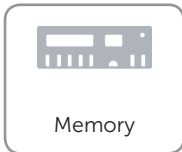


Specifications

Communications

Wireless

- Wi-Fi 802.11ac
- Wi-Fi 802.11a/g/n (Inspiron 7548 only)
- Bluetooth 4.0
- Intel WiDi





Specifications

Video

Controller:

Integrated

- Inspiron 7547—Intel HD Graphics 4400
- Inspiron 7548—Intel HD Graphics 5500

Discrete

AMD Radeon R7 M270

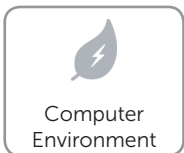
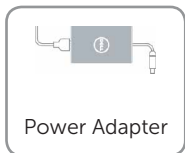
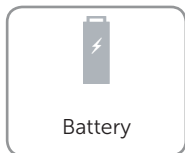
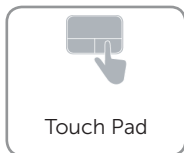
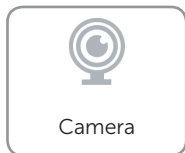
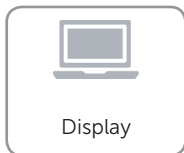
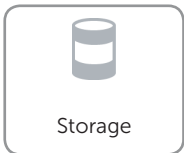
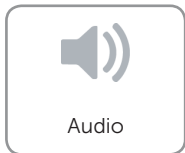
Memory:

Integrated

Shared system memory

Discrete

4 GB DDR3L

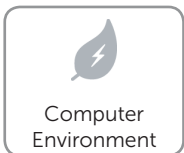
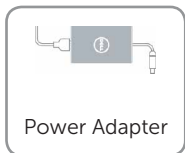
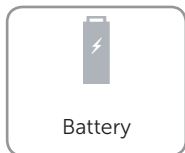
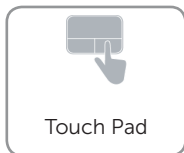
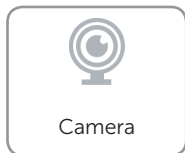
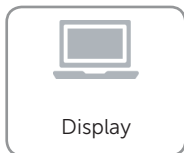
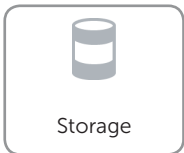
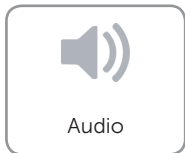
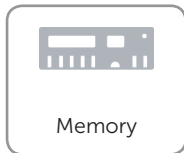




Specifications

Audio

Controller	Realtek ALC3234 with Waves MaxxAudio Pro
Speakers	Two
Speaker output:	
Average	2 W
Peak	2.5 W
Microphone	Digital array-microphones
Volume controls	Media-control shortcut keys

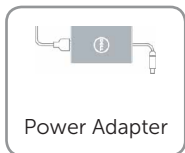
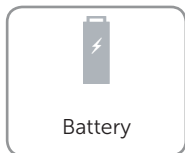
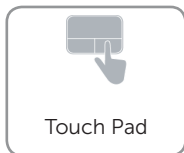
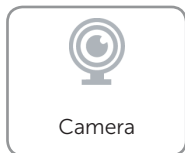
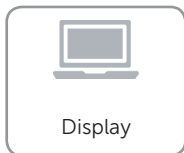
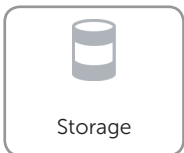
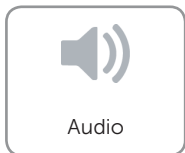
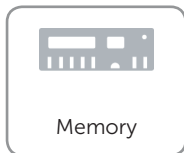
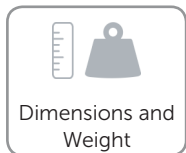




Specifications

Storage

Interface	SATA 6 Gbps
Hard drive	One 7 mm 2.5-inch drive
Drives supported	<ul style="list-style-type: none">• One hard drive (supports Intel Smart Response Technology)• One solid-state drive• One hard drive and solid-state hybrid drive





Specifications

Media-Card Reader


Type	One 2-in-1 slot
Cards supported	<ul style="list-style-type: none">• SD card• MultiMedia Card (MMC)



Dimensions and Weight



System Information



Memory




Ports and Connectors




Communications



Video



Audio




Storage




Media-Card Reader




Display




Keyboard




Camera




Touch Pad



Battery



Power Adapter



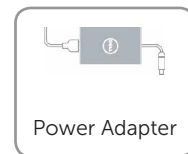
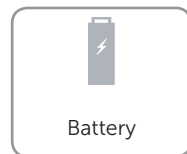
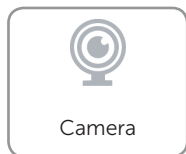
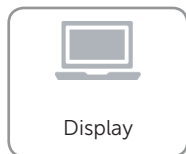
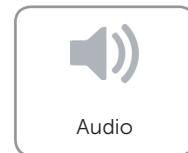
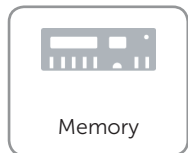
Computer Environment



Specifications

Display

Type	<ul style="list-style-type: none"> • 15.6-inch anti-glare panel • 15.6-inch Truelife touchscreen panel 		
	HD	Full HD	Ultra HD
Resolution (maximum)	1366 x 768	1920 x 1080	3840 x 2160
Pixel Pitch	0.2520 mm	0.1790 mm	0.0897 mm
Dimensions:			
Height	193.54 mm (7.62 in)	193.59 mm (7.62 in)	193.75 mm (7.63 in)
Width	344.23 mm (13.55 in)	344.16 mm (13.55 in)	344.45 mm (13.56 in)
Diagonal	394.90 mm (15.55 in)	394.90 mm (15.55 in)	396.24 mm (15.60 in)
Operating angle	0 degree (closed) to 135 degrees		
Refresh rate	48 Hz/60 Hz		
Controls	Brightness can be controlled using shortcut keys.		





Specifications

Keyboard

Type Backlit keyboard

Shortcut keys Some keys on your keyboard have two symbols on them. These keys can be used to type alternate characters or to perform secondary functions. To type the alternate character, press Shift and the desired key. To perform secondary functions, press Fn and the desired key.

NOTE: You can change the behavior of the shortcut keys by pressing Fn+Esc or by changing **Function Key Behavior** in BIOS setup program.

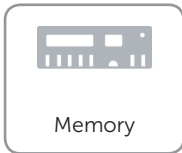
[List of shortcut keys.](#)



Dimensions and Weight



System Information



Memory



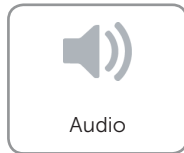
Ports and Connectors



Communications



Video



Audio



Storage



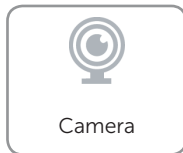
Media-Card Reader



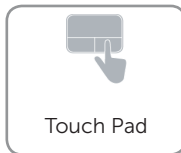
Display



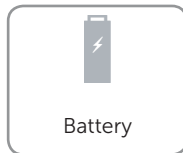
Keyboard



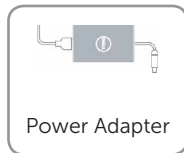
Camera



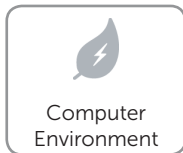
Touch Pad



Battery



Power Adapter



Computer Environment



Shortcut Keys

	Mute audio
	Decrease volume
	Increase volume
	Play previous track/chapter
	Play/Pause
	Play next track or chapter
	Switch to external display
	Search
	Toggle keyboard backlight
	Decrease brightness
	Increase brightness

	+		Toggle Fn-key lock
	+		Turn off/on wireless
	+		Open application menu
	+		Pause/Break
	+		Toggle status light between hard-drive and battery-status light (Inspiron 7548 only)
	+		System request
	+		Toggle scroll lock
	+		Sleep



Specifications

Camera

Resolution:

Still image 0.92 megapixel

Video 1280 x 720 (HD) at 30 fps (maximum)

Diagonal viewing angle 74 degrees



Dimensions and Weight



System Information



Memory



Ports and Connectors



Communications



Video



Audio



Storage



Media-Card Reader



Display



Keyboard



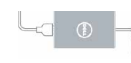
Camera



Touch Pad



Battery



Power Adapter



Computer Environment



Specifications

Touch Pad

Resolution:

Horizontal 1211 dpi

Vertical 1267 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"> • 3-cell 43 WHr smart lithium • 4-cell 56 WHr smart lithium 	
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	3 cell	4 cell
Dimensions:		
Width	251.4 mm (9.90 in)	251.4 mm (9.90 in)
Depth	112.55 mm (4.43 in)	112.55 mm (4.43 in)
Height	7.70 mm (0.30 in)	7.70 mm (0.30 in)
Weight (maximum)	0.27 kg (0.60 lb)	0.34 kg (0.75 lb)
Voltage	11.1 VDC	7.40 VDC
Charging time when the computer is off (approximate)	4 hours	
Operating time	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.	
Life span (approximate)	300 discharge/charge cycles	
Temperature range:		
Operating	0°C to 35°C (32°F to 95°F)	
Storage	-40°C to 65°C (-40°F to 149°F)	
Coin-cell battery	ML 1220	

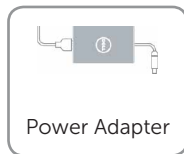
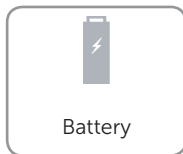
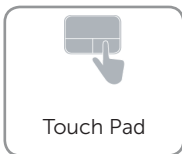
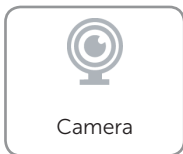
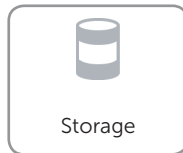
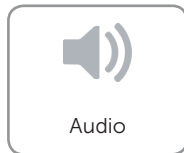
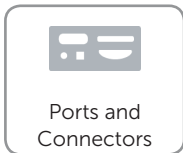
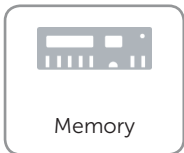
Dimensions and Weight	System Information	Memory	Ports and Connectors	Communications	Video	Audio	Storage
Media-Card Reader	Display	Keyboard	Camera	Touch Pad	Battery	Power Adapter	Computer Environment



Specifications

Power Adapter

Type	65 W
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current	1.50 A/1.60 A/1.70 A/2.50 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.

