



Inspiron 15

5000 Series



Views

Specifications

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2014 - 03 Rev. A00

Regulatory model: P39F | Type: P39F001

Computer model: Inspiron 5547

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 port

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.



Views



Front



Left



Right

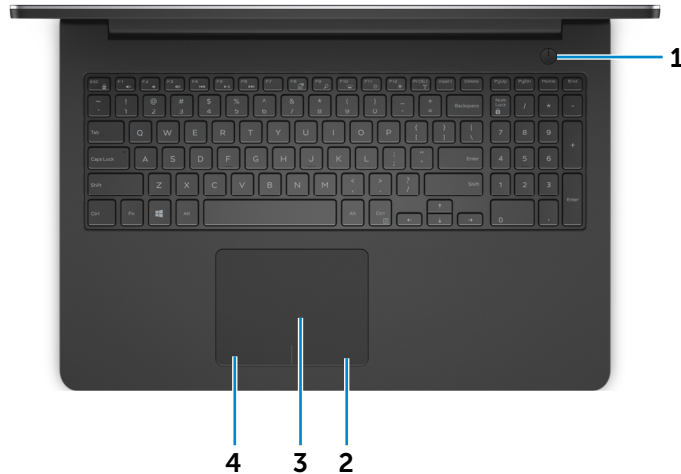


Base



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 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

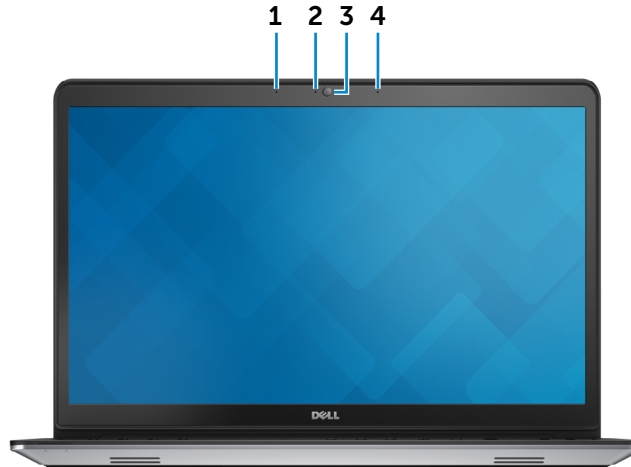


Base



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 21.80 mm (0.86 in)

Width 380.40 mm (14.98 in)

Depth 259 mm (10.20 in)

Weight:

Touch 2.38 kg (5.25 lb)

Non Touch 2.18 kg (4.81 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 15 Model 5547
Processor	4 th generation Intel Core i3 ULV
	4 th generation Intel Core i5 ULV
	4 th generation Intel Core i7 ULV
L3 cache	4 MB
Chipset	Integrated in processor



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Specifications

Memory

Connector	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



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Specifications

Ports and Connectors

External:

Network	One RJ45 port
USB	• 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 wireless display (optional)
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Dimensions and
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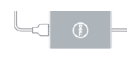
Camera



Touchpad



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Specifications

Communications

Ethernet

10/100 Mbps Ethernet controller integrated on system board

Wireless

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



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Video

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



Dimensions and Weight



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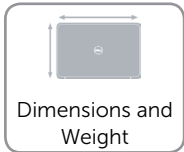
Computer Environment



Specifications

Audio

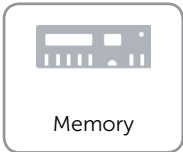
Controller	Realtek ALC3234CG with Waves MaxxAudio
Speakers	Two
Speaker output:	
Average	2 watt
Peak	2.5 watt
Microphone	Digital array-microphones
Volume controls	Media-control shortcut keys



Dimensions and Weight



System Information



Memory



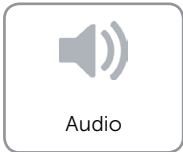
Ports and Connectors



Communications



Video



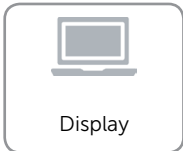
Audio



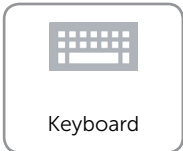
Storage



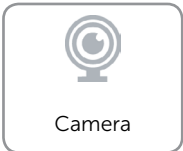
Media-Card Reader



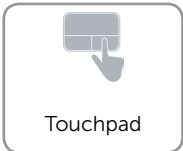
Display



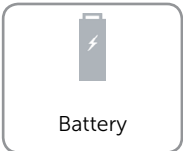
Keyboard



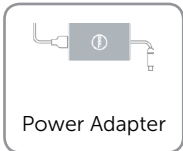
Camera



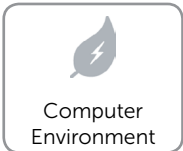
Touchpad



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



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Specifications

Media-Card Reader

Type	One 5-in-1 slot
Cards supported	• SD card • SD 3.0 card • SD High-Capacity (SDHC) card • Memory Stick • Memory Stick PRO



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Specifications

Display

Type	15.6-inch HD 15.6-inch HD touchscreen 15.6-inch full-HD touchscreen		
Refresh rate	60 Hz		
Operating angle	0 degrees (closed) to 135 degrees		
Controls	Brightness can be controlled using shortcut keys.		
	HD	HD Touch	Full-HD Touch
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)



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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.



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Specifications

Camera

Resolution:	
Still image	0.92 megapixels
Video	1280 x 720 (HD) at 30 fps
Diagonal viewing angle	74 degrees



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Specifications

Touchpad

Resolution:	
Horizontal	1260 dpi
Vertical	1207 dpi
Dimensions:	
Width	105 mm (4.13 in)
Height	80 mm (3.15 in)



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Specifications

Battery

Type	• 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)	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
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	
Operating time	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.	



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Specifications

Power Adapter

Type	65 W
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current	1.5 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)



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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.



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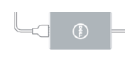
Camera



Touchpad



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