



Inspiron 15

3000 Series



[Views](#)

[Specifications](#)

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2014 - 09 Rev. A01

Regulatory model: P40F | Type: P40F001/P40F002

Computer model: Inspiron 15-3541/15-3542

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 and battery status of the computer.

- | | |
|-------|---|
| White | Battery is getting charged. |
| Amber | Battery is low or critical. |
| Off | <ul style="list-style-type: none">• Computer is plugged in and the battery is fully charged.• Computer is running on battery and battery has more than 10% charge. |



Front



Left



Right

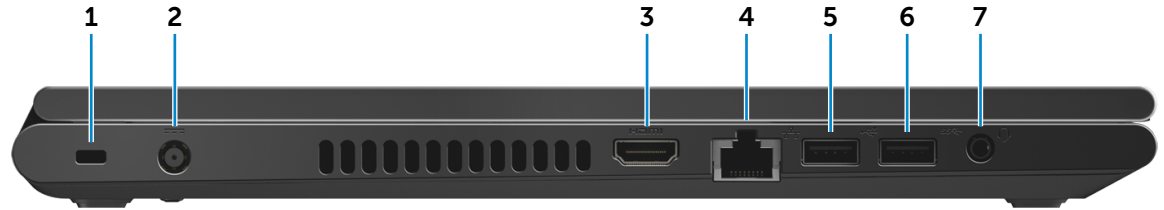


Base



Display

Left



1 Security-cable slot

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

2 Power-adapter port

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

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.

5 USB 2.0 port

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

6 USB 3.0 port

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

7 Headset port

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



Front



Left



Right



Base



Display

Right



1 Media-card reader

Reads from and writes to media cards.

2 USB 2.0 port

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

3 Optical drive

Reads from and writes to CDs and DVDs.



Base



Front



Left



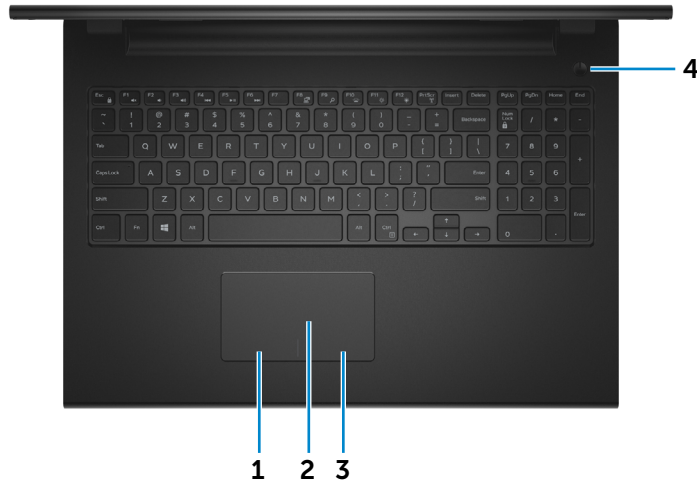
Right



Base



Display



1 Left-click area

Tap to left-click.

2 Touchpad

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

3 Right-click area


Tap 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/home.



Display



Front



Left



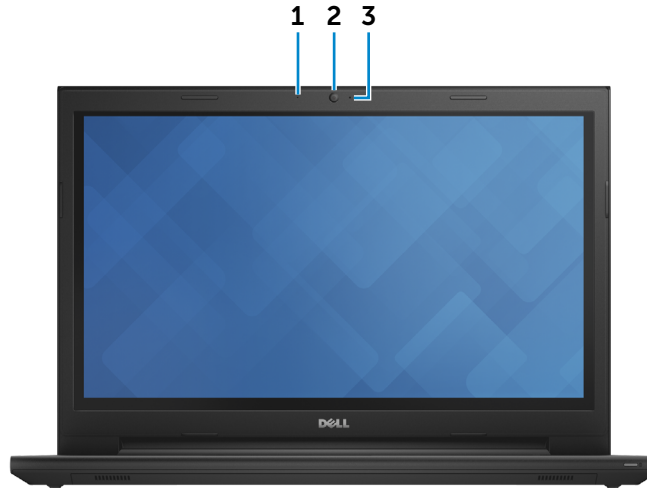
Right



Base



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:

Touchscreen 26.6 mm (1.05 in)

Non-touchscreen 25.6 mm (1.01 in)

Width 381.4 mm (15.02 in)

Depth 267.6 mm (10.54 in)

Weight (maximum):

Touchscreen 2.5 kg (5.51 lb)

Non-touchscreen 2.4 kg (5.29 lb)

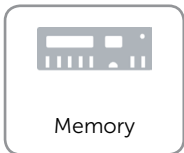
NOTE: The weight of your laptop varies depending on the configuration ordered and the manufacturing variability.



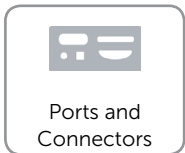
Dimensions and Weight



System Information



Memory



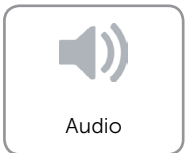
Ports and Connectors



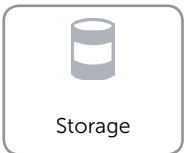
Communications



Video



Audio



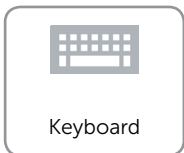
Storage



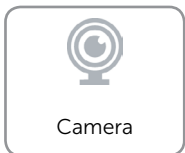
Media-Card Reader



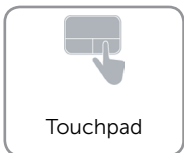
Display



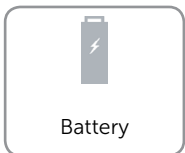
Keyboard



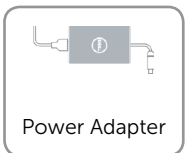
Camera



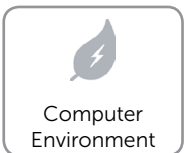
Touchpad



Battery



Power Adapter



Computer Environment



Specifications

System Information

Computer model	Inspiron 15-3541/15-3542	
Processor	Inspiron 15-3541 <ul style="list-style-type: none">• AMD E1-6010• AMD E2-6110• AMD A4-6210• AMD A6-6310	Inspiron 15-3542 <ul style="list-style-type: none">• 4th Generation Intel Core i7• 4th Generation Intel Core i5• 4th Generation Intel Core i3• Intel Pentium Dual Core• Intel Celeron Dual Core
Chipset	Integrated in processor	Integrated in processor

Dimensions and Weight

System Information

Memory

Ports and Connectors

Communications

Video

Audio

Storage

Media-Card Reader

Display

Keyboard

Camera

Touchpad

Battery

Power Adapter

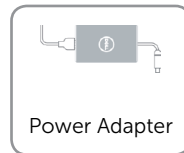
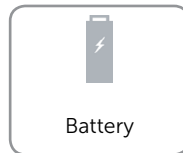
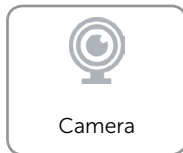
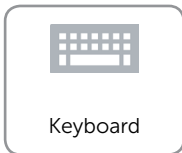
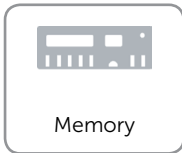
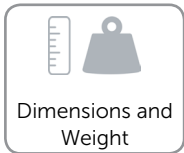
Computer Environment



Specifications

Memory

Slot	One SODIMM slot
Type	DDR3L
Speed	Up to 1600 MHz
Configurations supported	2 GB, 4 GB, and 8 GB





Specifications

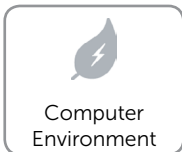
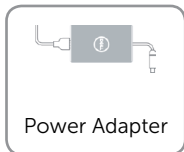
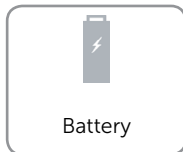
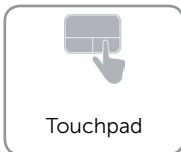
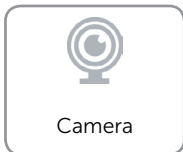
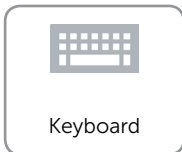
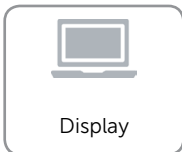
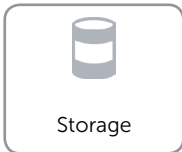
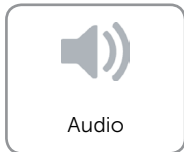
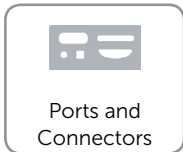
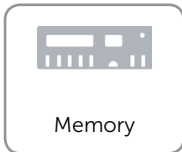
Ports and Connectors

External:

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

Internal:

Mini Card	One half Mini Card slot for WLAN, Bluetooth, and Wireless Display (optional)
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Specifications

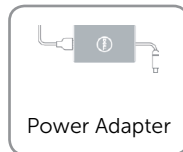
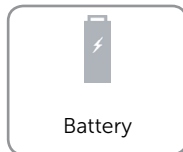
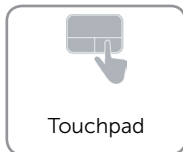
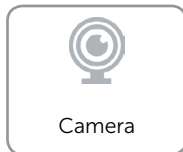
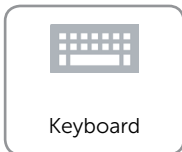
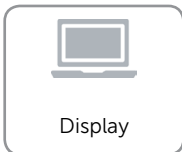
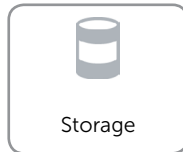
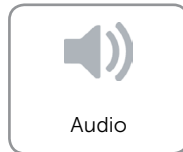
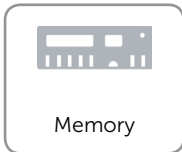
Communications

Ethernet

10/100 Mbps Ethernet controller integrated on system board

Wireless

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





Specifications

Video

	Inspiron 15-3541	Inspiron 15-3542
Controller:		
Integrated	<ul style="list-style-type: none"> • AMD Radeon R4 Graphics for AMD A6 Quad Core • AMD Radeon R3 Graphics for AMD A4 Quad Core • AMD Radeon R2 Graphics for AMD E1 Dual Core 	<ul style="list-style-type: none"> • Intel HD Graphics 4400 for Intel Core i7, Intel Core i5, and Intel Core i3 • Intel HD Graphics for Intel Pentium Dual Core and Intel Celeron Dual Core
Discrete	AMD Radeon HD R5 M230	<ul style="list-style-type: none"> • GeForce 820M • GeForce 840M
Memory:		
Integrated	Shared system memory	Shared system memory
Discrete	<ul style="list-style-type: none"> • 1 GB DDR3L • 2 GB DDR3L 	<ul style="list-style-type: none"> • 1 GB DDR3L • 2 GB DDR3L

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

Audio

Controller:

Intel Realtek ALC3234 with Waves MaxxVoice

AMD Realtek ALC3223 with Waves MaxxVoice

Speakers

Two

Speaker output:

Average 2 W

Peak 2.5 W

Microphone

Digital microphone

Volume controls

Program menus and keyboard media-control shortcut keys. To learn about your computer keyboard shortcut keys, see the *Quick Start Guide* at dell.com/support/home.



Dimensions and Weight



System Information



Memory



Ports and Connectors



Communications



Video



Audio



Storage



Media-Card Reader



Display



Keyboard



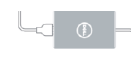
Camera



Touchpad



Battery



Power Adapter



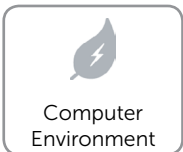
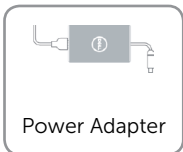
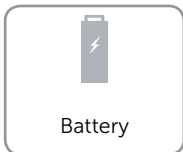
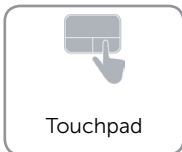
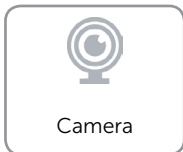
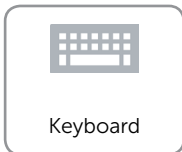
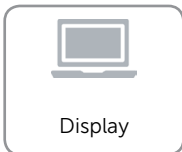
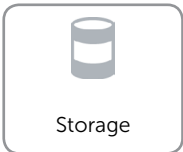
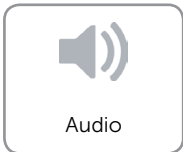
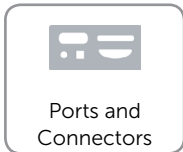
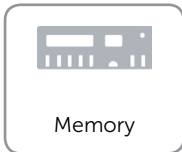
Computer Environment



Specifications

Storage

Interface	<ul style="list-style-type: none">• SATA 6 Gbps for hard drive• SATA 3 Gbps for optical drive
Hard drive	One 2.5-in drive (supports Intel Smart Response Technology)
Optical drive	One 9.5 mm DVD+/-RW drive

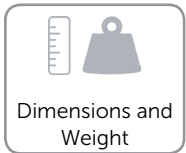




Specifications

Media-Card Reader

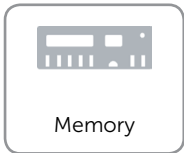
Type	One slot
Cards supported	SD card



Dimensions and Weight



System Information



Memory



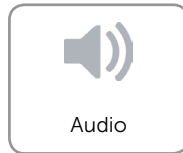
Ports and Connectors



Communications



Video



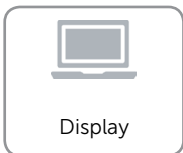
Audio



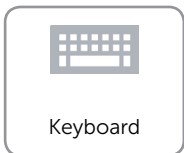
Storage



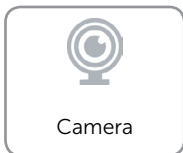
Media-Card Reader



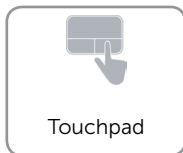
Display



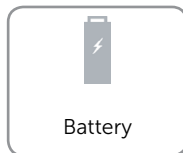
Keyboard



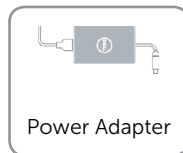
Camera



Touchpad



Battery



Power Adapter



Computer Environment



Specifications

Display

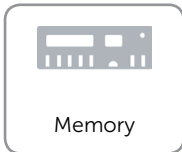
Type	<ul style="list-style-type: none">• 15.6-in HD touchscreen• 15.6-in HD non-touchscreen
Resolution (maximum)	1366 x 768
Dimensions:	
Height	225.06 mm (8.86 in)
Width	366.63 mm (14.43 in)
Diagonal	396.24 mm (15.60 in)
Refresh rate	60 Hz
Operating angle	0 degree (closed) to 135 degrees
Pixel pitch	0.252 mm
Controls	Brightness can be controlled using keyboard shortcut keys. To learn about your computer keyboard shortcut keys, see the <i>Quick Start Guide</i> at dell.com/support/home .



Dimensions and Weight



System Information



Memory



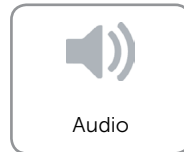
Ports and Connectors



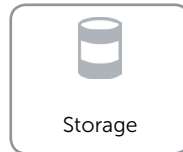
Communications



Video



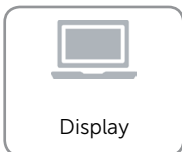
Audio



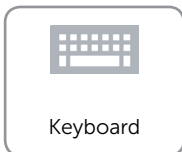
Storage



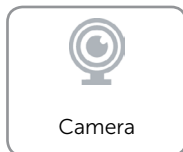
Media-Card Reader



Display



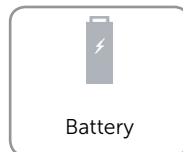
Keyboard



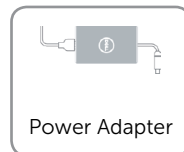
Camera



Touchpad



Battery



Power Adapter



Computer Environment



Specifications

Keyboard

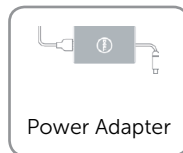
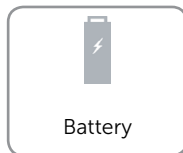
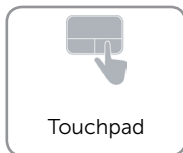
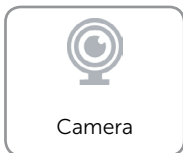
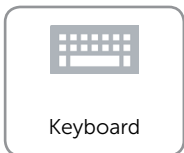
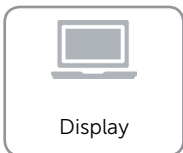
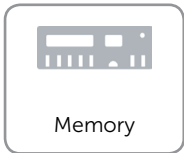
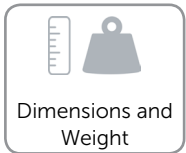
Type

- 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

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



Touchpad



Battery



Power Adapter



Computer Environment



Specifications

Touchpad

Resolution:

Horizontal 1207 dpi

Vertical 1702 dpi

Dimensions:

Width 102.4 mm (4.03 in)

Height 57.4 mm (2.26 in)



Dimensions and Weight



System Information



Memory



Ports and Connectors



Communications



Video



Audio



Storage



Media-Card Reader



Display



Keyboard



Camera



Touchpad



Battery



Power Adapter



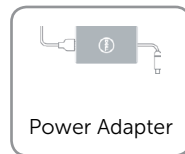
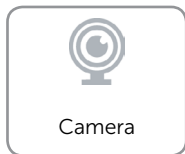
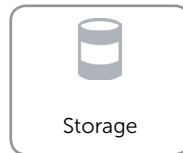
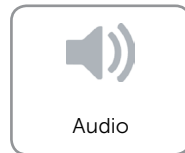
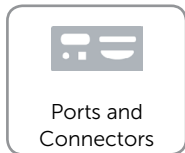
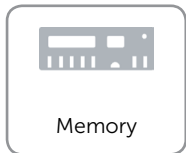
Computer Environment



Specifications

Battery

Type	4-cell "smart" lithium ion (40 WHr)
Dimensions:	
Height	20 mm (0.79 in)
Width	272.4 mm (10.72 in)
Depth	46.3 mm (1.82 in)
Weight (maximum)	0.26 kg (0.57 lb)
Voltage	14.80 VDC
Operating time	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.
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)
Coin-cell battery	CR-2032





Specifications

Power Adapter

Type	65 W
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current (maximum)	1.50 A/1.60 A/1.70 A/2.50 A
Output current (continuous)	3.34 A
Rated output voltage	19.50 VDC
Temperature range:	
Operating	0°C to 40°C (32°F to 104°F)
Storage	–40°C to 70°C (–40°F to 158°F)



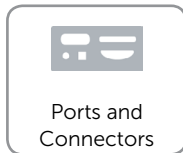
Dimensions and
Weight



System
Information



Memory



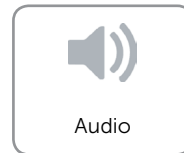
Ports and
Connectors



Communications



Video



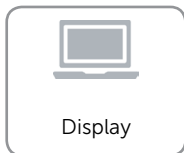
Audio



Storage



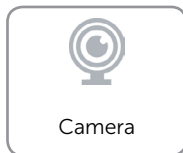
Media-Card
Reader



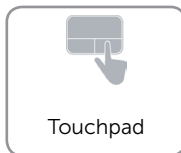
Display



Keyboard



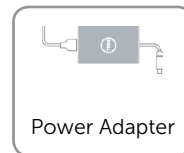
Camera



Touchpad



Battery



Power Adapter



Computer
Environment



Specifications

Computer Environment

Airborne contaminant level	G1 as defined by ISA-S71.04-1985	
	Operating	Storage
Temperature range	0°C to 40°C (32°F to 104°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 [‡]
<p>* 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.</p>		

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