Inspiron 15

3000 Series

Views

Specifications

2014 - 03   Rev. A00

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

1

1   Power and battery-status light

Indicates the power and battery status of the computer.

- Solid white: Power adapter is connected and the battery is fully charged.
- Off:
  — Computer is running on battery and the battery has more than 5% charge.
  — Computer is in sleep state, hibernation, or turned off.
- Solid yellow: Computer is running on battery and the battery has less than 5% charge.
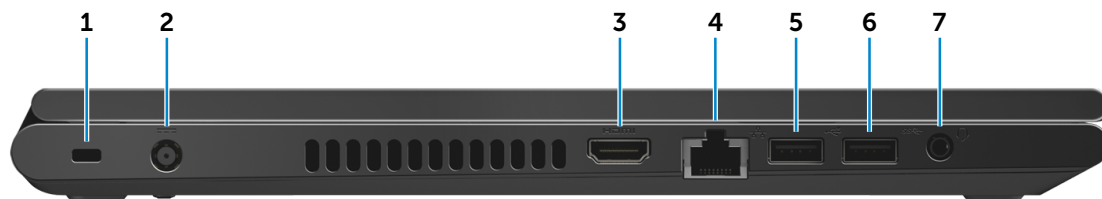
Front

Left

Right

Base

Display

Views

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).

Views

Right

Front

Left

Right

Base

Display

1   **2**   **3**

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.

Views

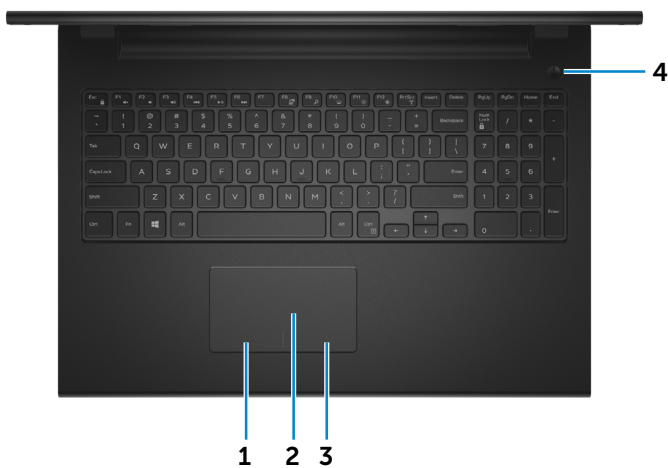**Base**

Front

Left

Right

Base

Display

4

1 2 3

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/manuals.**
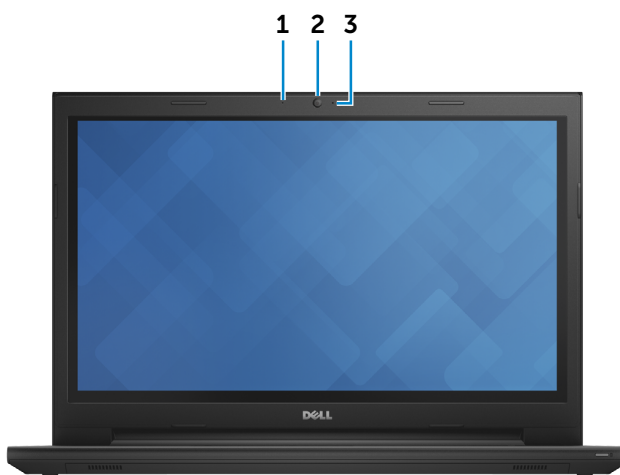
Views

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.

Front

Left

Right

Base

Display

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**	**Inspiron 15-3542**
	• AMD E1-6010 • AMD E2-6110 • AMD A4-6210 • AMD A6-6310	• 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

Memory

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

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

Ports and Connectors

External:	
Network	One RJ45 port
USB	• 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)

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

Communications

Ethernet	10/100 Mbps Ethernet controller integrated on system board
Wireless	• Wi-Fi 802.11 b • Wi-Fi 802.11 g • Wi-Fi 802.11 n • Bluetooth 4.0 • Wireless Display (optional)

Dimensions and Weight

System Information

Memory

Ports and Connectors

Communications

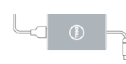Video

Audio

Storage

Media-Card Reader

Display

Keyboard

Camera

Touchpad

Battery

Power Adapter

Computer Environment

Specifications

Video

	Inspiron 15-3541	Inspiron 15-3542
Controller:		
Integrated	• 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	• 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	• GeForce 820M • GeForce 840M
Memory:		
Integrated	Shared system memory	Shared system memory
Discrete	• 1 GB DDR3L • 2 GB DDR3L	• 1 GB DDR3L • 2 GB DDR3L

Dimensions and Weight

System Information

Memory

Ports and Connectors

Communications

Video

Audio

Storage

Media-Card Reader

Display

Keyboard
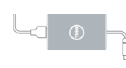
Camera

Touchpad

Battery

Power Adapter

Computer Environment

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/manuals**.

Dimensions and Weight	System Information	Memory	Ports and Connectors	Communications	Video	Audio	Storage
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Storage

Interface	• SATA 3 Gbps for optical drive • SATA 6 Gbps for hard drive
Hard drive	One 2.5-in drive (supports Intel Smart Response Technology)
Optical drive	One 9.5 mm DVD+/-RW drive

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

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

Display

Type	• 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 *Quick Start Guide* at **dell.com/support/manuals**.

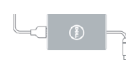|							
Dimensions and Weight	System Information	Memory	Ports and Connectors	Communications	Video	Audio	Storage
Media-Card Reader	Display	Keyboard	Camera	Touchpad	Battery	Power Adapter	Computer Environment

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 System Setup.

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

Camera

Resolution:	
Still image	0.92 megapixels
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

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

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Storage

Media-Card Reader

Display

Keyboard
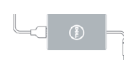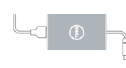
Camera

Touchpad

Battery

Power Adapter

Computer Environment

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

Dimensions and Weight	System Information	Memory	Ports and Connectors	Communications	Video	Audio	Storage
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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)

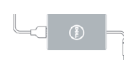|							
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Computer Environment

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‡

* Measured using a random vibration spectrum that simulates user environment.
† Measured using a 2 ms half-sine pulse when the hard drive is in use.
‡ Measured using a 2 ms half-sine pulse when the hard-drive head is in parked position.

Dimensions and Weight

System Information

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