Inspiron 15

3000 Series

Views

Specifications

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Regulatory model: P40F | Type: P40F001/P40F002

Computer model: Inspiron 15-3541/15-3542/15-3543

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

Views

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	• Computer is plugged in and the battery is fully charged. • Computer is running on battery and battery has more than 10% charge.

Views

Front

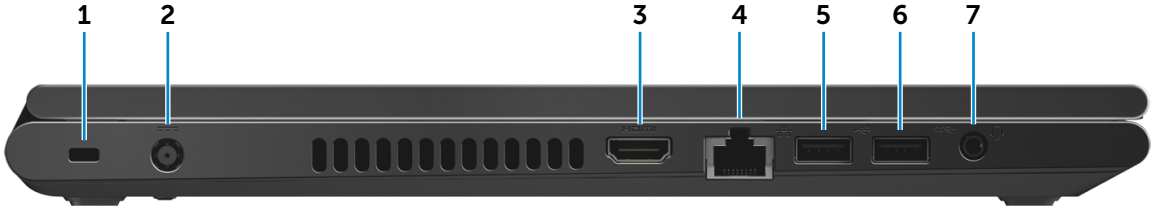
Left

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).

Views

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.

Views

Front

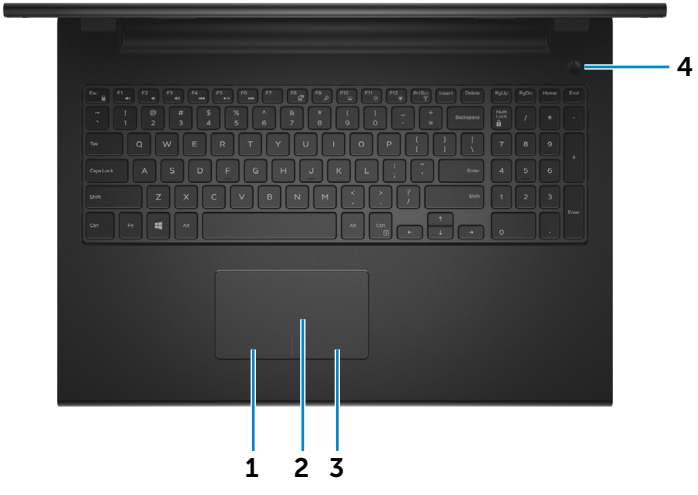
Left

Right

Base

Display

Base



1 Left-click area

Tap 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

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**.

Views

Front

Left

Right

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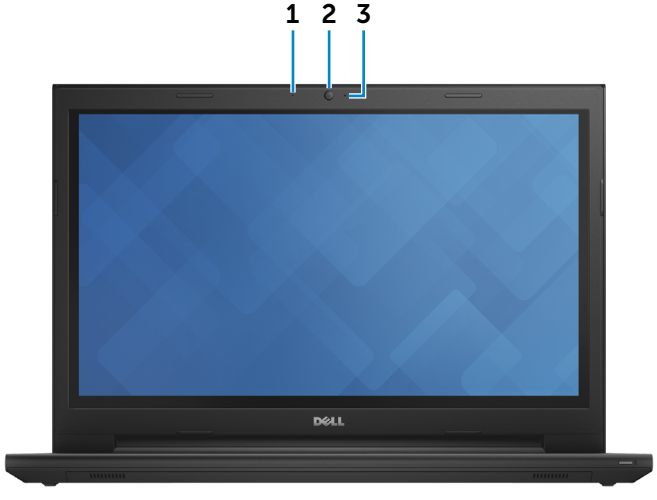
Display



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:	
Touch screen	26.6 mm (1.05 in)
Non-touch screen	25.6 mm (1.01 in)
Width	381.4 mm (15.02 in)
Depth	267.6 mm (10.54 in)
Weight (maximum):	
Touch screen	2.5 kg (5.51 lb)
Non-touch screen	2.4 kg (5.29 lb)
	NOTE: The weight of your laptop varies depending on the configuration ordered and the manufacturing variability.

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Specifications

System Information

Computer model	Inspiron 15-3541	Inspiron 15-3542	Inspiron 15-3543
Processor	• AMD E1-6010 • AMD E2-6110 • AMD A4-6210 • AMD A6-6310	• Intel Celeron Dual Core • Intel Pentium Dual Core • 4th generation Intel Core i3 • 4th generation Intel Core i5 • 4th generation Intel Core i7	• Intel Celeron • Intel Pentium • 5th generation Intel Core i3 ULV • 5th generation Intel Core i5 ULV • 5th generation Intel Core i7 ULV
Chipset	Integrated in processor	Integrated in processor	Integrated in processor

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Memory

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

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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 Intel WiDi (optional)

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Communications

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

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Video

	Integrated	Discrete
Controller:		
Inspiron 15-3541	• 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	AMD Radeon HD R5 M230
Inspiron 15-3542	• Intel HD Graphics for Intel Celeron and Intel Pentium • Intel HD Graphics 4400 for Intel Core i3, Intel Core i5, and Intel Core i7	• nVidia 820M • nVidia 840M
Inspiron 15-3543	• Intel HD Graphics for Intel Celeron and Intel Pentium • Intel HD Graphics 5500 for Intel Core i3, Intel Core i5, and Intel Core i7	• nVidia 820M • nVidia 840M
Memory	Shared system memory	• 1 GB DDR3L • 2 GB DDR3L

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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**.

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Storage

Interface	• SATA 6 Gbps for hard drive • SATA 3 Gbps for optical drive
Hard drive	One 2.5-in drive
Optical drive	One 9.5 mm DVD+/-RW drive

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Media-Card Reader

Type	One slot
Cards supported	SD card

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Display

Type	• 15.6-in HD touch screen • 15.6-in HD non-touch screen
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**.

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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.

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Camera

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

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Touch Pad

Resolution:	
Horizontal	1207 dpi
Vertical	1702 dpi
Dimensions:	
Height	57.4 mm (2.26 in)
Width	102.4 mm (4.03 in)

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Battery

Type	4-cell 40 WHr smart lithium ion
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

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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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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‡

* 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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