



Inspiron 15

7000 Series



[Views](#)

[Specifications](#)

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2016-03 Rev. A01

Regulatory model: P55F | Type: P55F002

Computer model: Inspiron 15-7568

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



Front



Left



Right



Base



Display



Modes

Front



1 Power and battery-status light

Indicates the power and battery status of the computer.

- | | |
|--------------|--|
| Solid white | Power adapter is connected and the battery has more than 5% charge. |
| Solid yellow | Computer is running on battery and the battery has less than 5% charge. |
| Off | <ul style="list-style-type: none">• Power adapter is connected and the battery is fully charged.• Computer is running on battery and the battery has more than 5% charge.• Computer is in sleep state, hibernation, or turned off. |



Front



Left



Right



Base

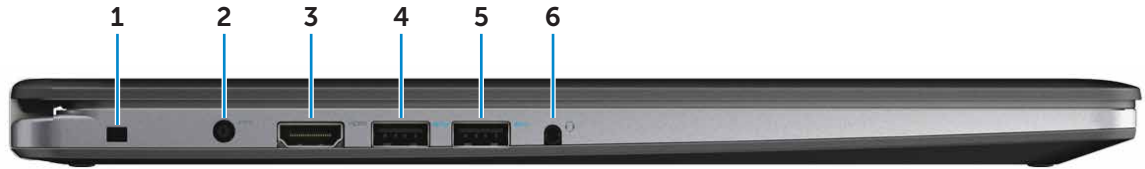


Display



Modes

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 HDMI port

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

4 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 the BIOS setup program.

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

5 USB 3.0 port

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

6 Headset port

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



Front



Left



Right



Base



Display



Modes


Right



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 4 seconds to force shut-down the computer.

 **NOTE:** You can customize the power-button behavior in Power Options. For more information, see *Me and My Dell* at www.dell.com/support/manuals.

2 Volume-control buttons

Press to increase or decrease the volume.

3 USB 3.0 port

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

4 Media-card reader

Reads from and writes to media cards.



Front



Left



Right



Base



Display



Modes

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.



Display



Front



Left



Right



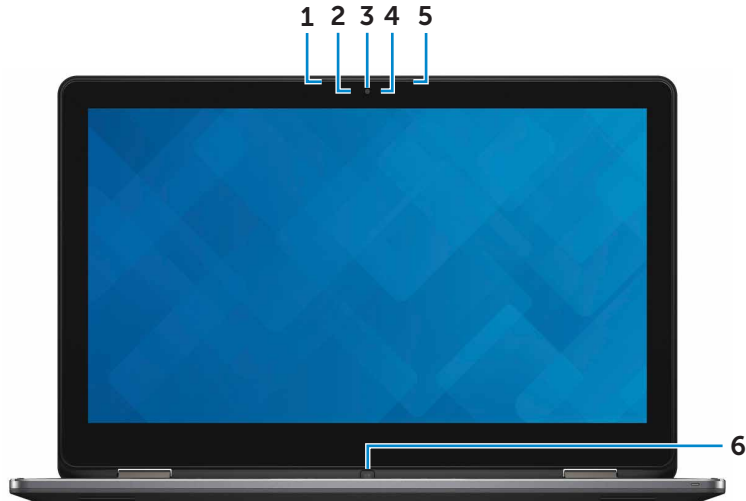
Base



Display



Modes



1 Left microphone

Provides digital sound input for audio recording, voice calls, and so on.

2 Ambient-light sensor

Detects the ambient light and automatically adjusts the keyboard backlight and display brightness.

3 Camera

Allows you to video chat, capture photos, and record videos.

4 Camera-status light

Turns on when the camera is in use.

5 Right microphone

Provides digital sound input for audio recording, voice calls, and so on.

6 Windows button

Press to display the Start menu/screen.



Front



Left



Right



Base



Display



Modes

Modes

Notebook



Stand



Tablet



Tent





Specifications

Dimensions and weight

Height	19.90 mm to 20.30 mm (0.78 in to 0.80 in)
Width	381.90 mm (15.04 in)
Depth	252.50 mm (9.94 in)
Weight (maximum)	2.25 kg (4.96 lb)

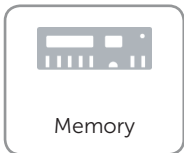
NOTE: The weight of your laptop varies depending on the configuration ordered and the manufacturing variability.



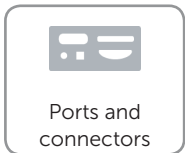
Dimensions and weight



System information



Memory



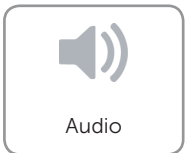
Ports and connectors



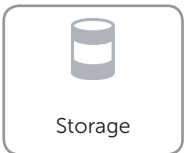
Communications



Video



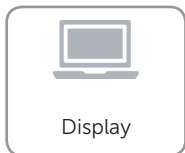
Audio



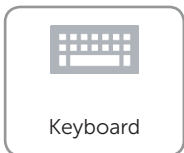
Storage



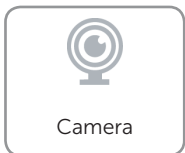
Media-card reader



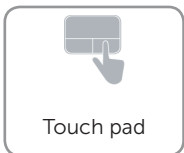
Display



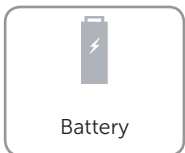
Keyboard



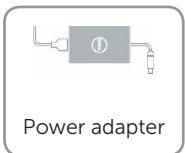
Camera



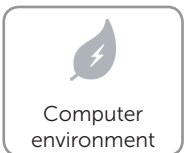
Touch pad



Battery



Power adapter




Computer environment



Specifications

System information


Computer model	Inspiron 15-7568
Processor	<ul style="list-style-type: none">• 6th Generation Intel Core i3• 6th Generation Intel Core i5• 6th Generation Intel Core i7
Chipset	Integrated in processor



Dimensions and weight



System information



Memory




Ports and connectors



Communications



Video



Audio




Storage




Media-card reader




Display




Keyboard




Camera




Touch pad



Battery



Power adapter



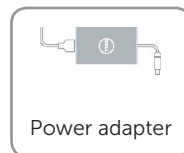
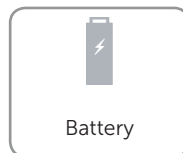
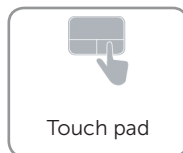
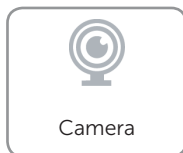
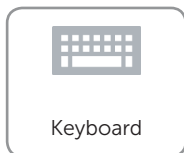
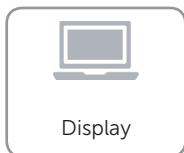
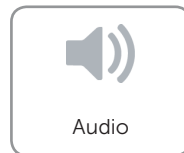
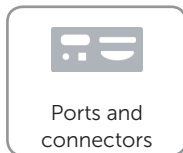
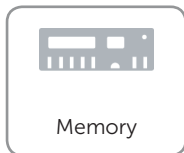
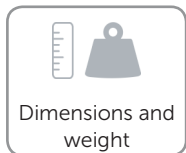
Computer environment



Specifications

Memory

Slot	One SODIMM slot
Type	DDR3L
Speed	1600 MHz
Configurations supported	4 GB and 8 GB





Specifications

Ports and connectors

External:

USB

- One USB 3.0 port with PowerShare
- Two USB 3.0 ports

Audio/video

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

Internal:

M.2 slot

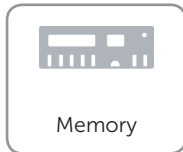
One M.2 slot for Wi-Fi, Intel WiDi (optional), and Bluetooth combo card



Dimensions and weight



System information



Memory



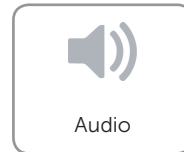
Ports and connectors



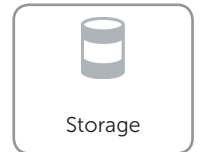
Communications



Video



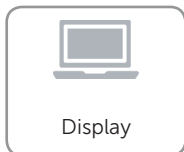
Audio



Storage



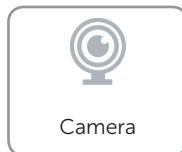
Media-card reader



Display



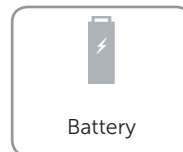
Keyboard



Camera



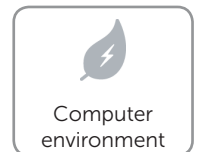
Touch pad



Battery



Power adapter



Computer environment

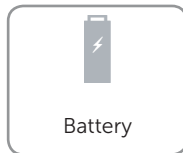
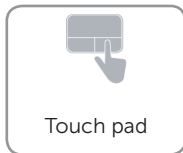
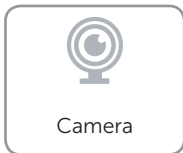
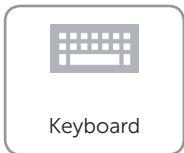
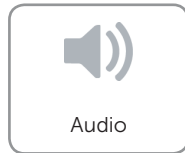
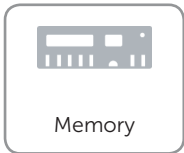
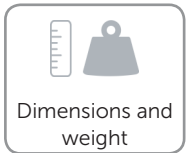


Specifications

Communications

Wireless

- Wi-Fi 802.11ac
- Wi-Fi 802.11b/g/n
- Bluetooth 4.0
- Intel WiDi





Specifications

Video


Controller	Intel HD Graphics
Memory	Shared system memory




Dimensions and weight



System information



Memory




Ports and connectors




Communications



Video




Audio




Storage




Media-card reader




Display




Keyboard




Camera




Touch pad



Battery



Power adapter



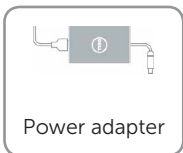
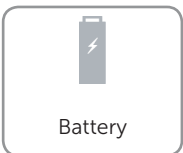
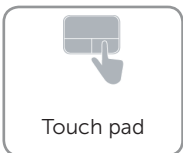
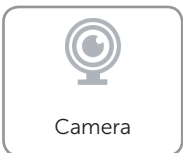
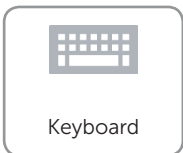
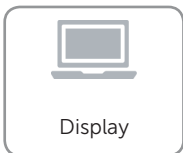
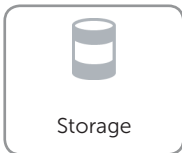
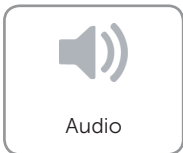
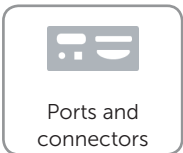
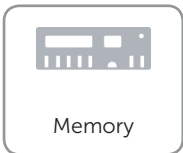
Computer environment



Specifications

Audio

Controller	Realtek ALC3234 with Waves MaxxAudio
Speakers	Two
Speaker output:	
Average	2.0 W
Peak	2.5 W
Microphone	Digital-array microphones in camera assembly
Volume controls	Media-control shortcut keys and volume-control buttons

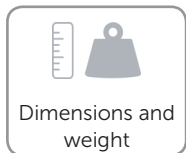




Specifications

Storage

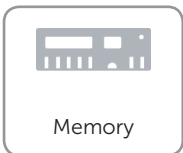
Interface	SATA 6 Gbps
Hard drive	One 2.5-inch drive
Solid state drive	One 7 mm drive



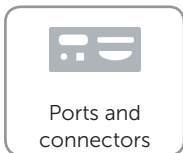
Dimensions and weight



System information



Memory



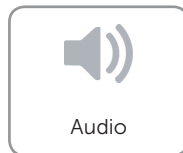
Ports and connectors



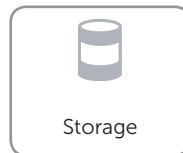
Communications



Video



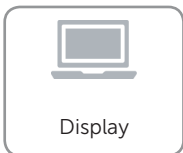
Audio



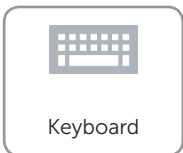
Storage



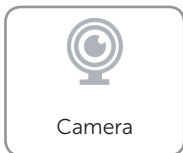
Media-card reader



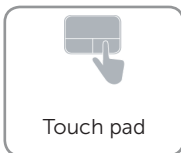
Display



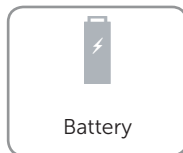
Keyboard



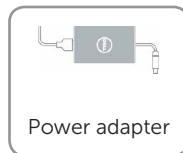
Camera



Touch pad



Battery



Power adapter



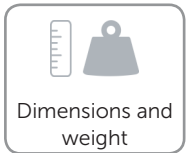
Computer environment



Specifications

Media-card reader

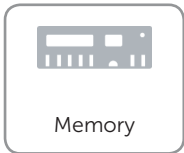
Type	One 2-in-1 slot
Cards supported	<ul style="list-style-type: none">• SD• MultiMediaCard (MMC)



Dimensions and weight



System information



Memory



Ports and connectors



Communications



Video



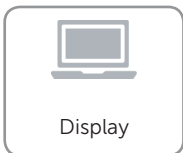
Audio



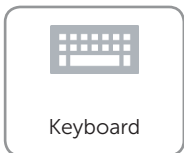
Storage



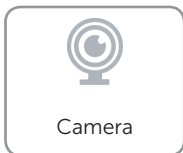
Media-card reader



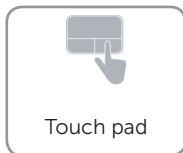
Display



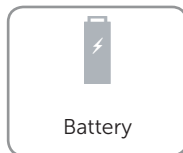
Keyboard



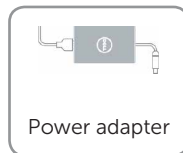
Camera



Touch pad



Battery



Power adapter



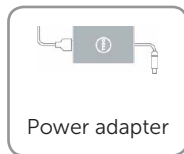
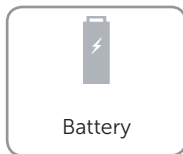
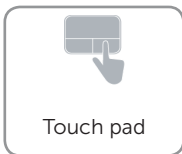
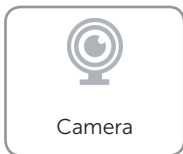
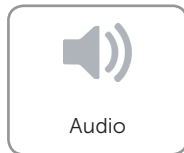
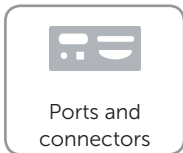
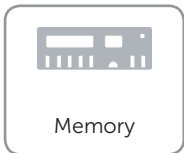
Computer environment



Specifications

Display

Type	<ul style="list-style-type: none">• 15.6-inch Full HD WLED• 15.6-inch UHD
Dimensions:	
Height	193.59 mm (7.62 in)
Width	344.16 mm (13.55 in)
Diagonal	396.24 mm (15.60 in)
Resolution (maximum)	<ul style="list-style-type: none">• Full HD WLED – 1920 x 1080• UHD – 3840 x 2160
Pixel pitch	<ul style="list-style-type: none">• Full HD WLED – 0.17925 mm x 0.17925 mm• UHD – 0.0897 mm x 0.0897 mm
Operating angle	0 degree (closed) to 360 degrees
Viewing angle	160 degrees
Refresh rate	60 Hz
Controls	Brightness can be controlled using shortcut keys





Specifications

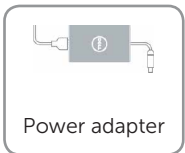
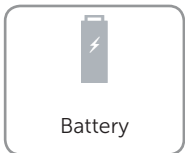
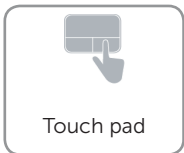
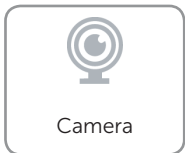
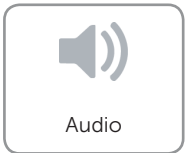
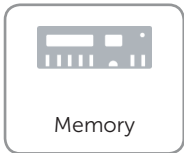
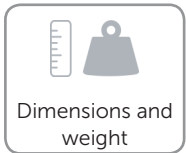
Keyboard

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.](#)





Shortcut keys

F1 	Mute audio
F2 	Decrease volume
F3 	Increase volume
F4 	Play previous track/chapter
F5 	Play/Pause
F6 	Play next track/chapter
F8 	Switch to external display
F9 	Search
F10 	Toggle keyboard backlight
F11 	Decrease brightness
F12 	Increase brightness

Fn + 	Turn off/on wireless
Fn + 	Pause/Break
Fn + 	Sleep
Fn + 	Toggle Scroll Lock
Fn + 	Toggle Fn-key lock



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



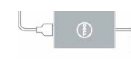
Camera



Touch pad



Battery



Power adapter



Computer environment



Specifications

Touch pad

Resolution:

Horizontal 304.8

Vertical 304.8

Dimensions:

Width 102 mm (4.02 in)

Height 62 mm (2.44 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



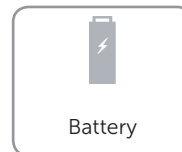
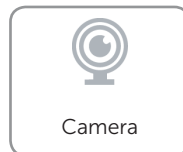
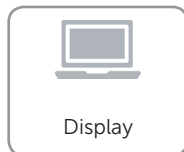
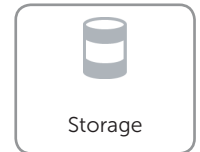
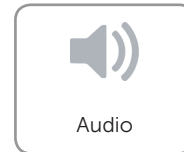
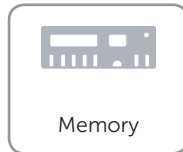
Computer environment



Specifications

Battery

Type	3-cell smart Lithium ion
Dimensions:	
Width	77.20 mm (3.04 in)
Depth	254 mm (10 in)
Height	6.80 mm (0.27 in)
Weight (maximum)	0.25 kg (0.55 lb)
Voltage	11.40 VDC
Charging time when the computer is off (approximate)	Within 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	CR-2032

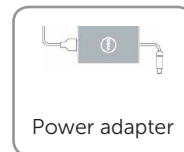
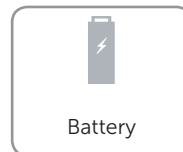
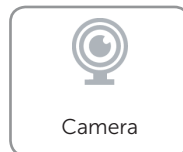
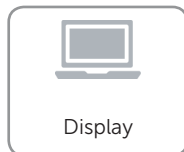
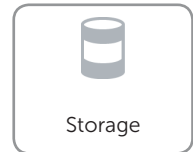
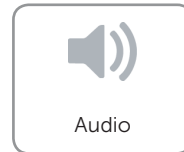
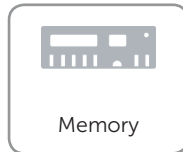




Specifications

Power adapter

Type	45 W
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current	1.30 A
Output current	2.31 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.

