



Inspiron 15

7000 Series



[Views](#)

[Modes](#)

[Specifications](#)

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2015 - 03 Rev. A00

Regulatory model: P55F | Type: P55F001

Computer model: Inspiron 15-7558

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.

Solid white—Power adapter is connected to the computer and the battery is being charged.

Solid yellow—Battery charge is low or critical.

Off—Power adapter is connected to the computer and battery is fully charged or power adapter is not connected to the computer and the battery has sufficient charge.



Front



Left



Right

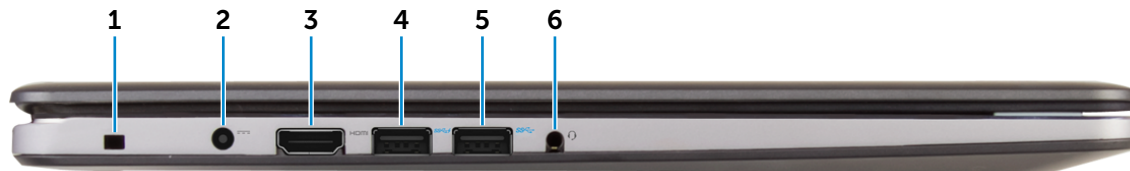


Base



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 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 headphone and microphone combo (headset).



Front



Left



Right



Base



Display

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 dell.com/support/manuals.

2 Volume-control buttons (2)

Press to increase or decrease the volume.

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

Base



1 2 3

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 and tap with two fingers to right-click.

3 Right-click area

Press to right-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 Ambient-light sensor

Detects the ambient light and automatically adjusts the 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 high-quality digital sound input for audio recording, voice calls, and so on.

6 Windows button

Press to go to the Start screen.



Modes

Notebook



Tablet



Stand



Tent





Specifications

Dimensions and weight

Height	19.90 mm (0.78 in) to 20.30 mm (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



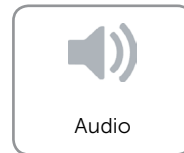
Ports and connectors



Communications



Video



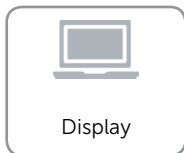
Audio



Storage



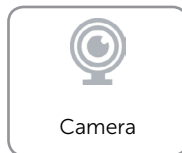
Media-card reader



Display



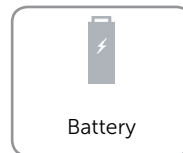
Keyboard



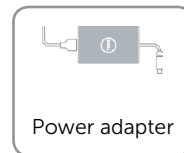
Camera



Touch pad



Battery



Power adapter



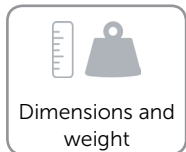
Computer environment



Specifications

System information

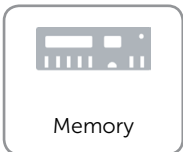
Computer model	Inspiron 15-7558
Processor	<ul style="list-style-type: none">• 5th Generation Intel Core i3• 5th Generation Intel Core i5• 5th Generation Intel Core i7
Chipset	Integrated in the processor



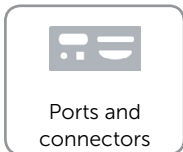
Dimensions and weight



System information



Memory



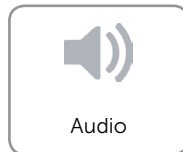
Ports and connectors



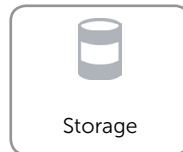
Communications



Video



Audio



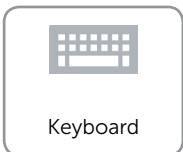
Storage



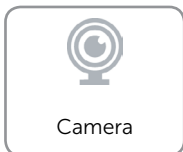
Media-card reader



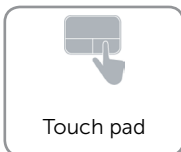
Display



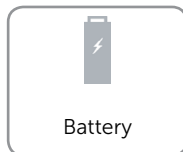
Keyboard



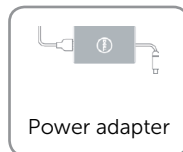
Camera



Touch pad



Battery



Power adapter



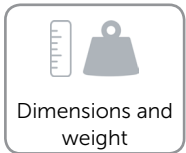
Computer environment



Specifications

Memory

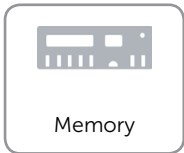
Slot	One SODIMM slot
Type	DDR3L
Speed	1600 MHz
Configurations supported	4 GB and 8 GB



Dimensions and weight



System information



Memory



Ports and connectors



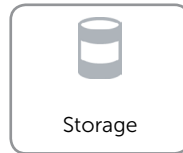
Communications



Video



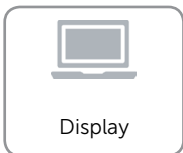
Audio



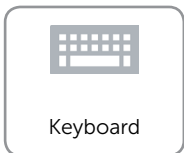
Storage



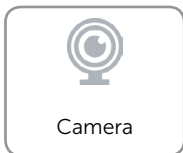
Media-card reader



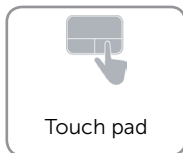
Display



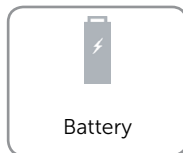
Keyboard



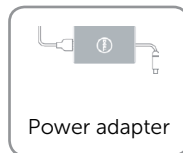
Camera



Touch pad



Battery



Power adapter



Computer environment



Specifications

Ports and connectors

External:

USB

- One USB 3.0 port with PowerShare
- One USB 3.0 port
- One USB 2.0 port

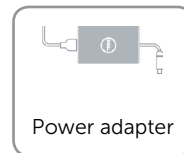
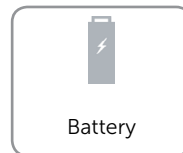
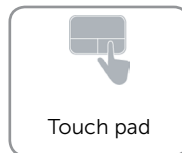
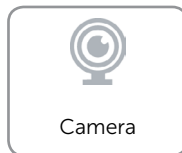
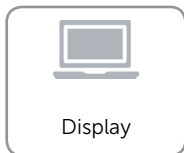
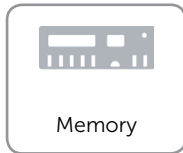
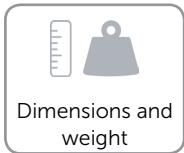
Audio/Video

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

Internal:

M.2 slot

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



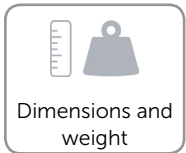


Specifications

Communications

Wireless

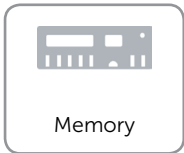
- Wi-Fi 802.11ac
- Bluetooth 4.0
- Intel WiDi



Dimensions and weight



System information



Memory



Ports and connectors



Communications



Video



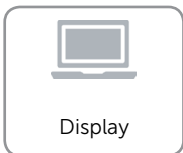
Audio



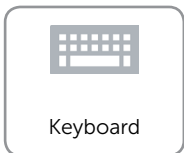
Storage



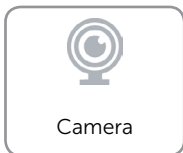
Media-card reader



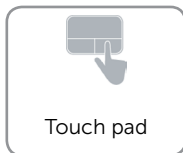
Display



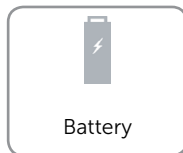
Keyboard



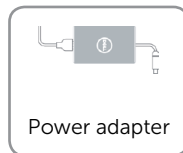
Camera



Touch pad



Battery



Power adapter




Computer environment



Specifications

Video


Controller	Intel HD Graphics 5500
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




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

Storage


Interface	SATA 3 Gbps
Hard drive	One 2.5-inch 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 Card• MultiMedia Card (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



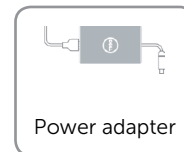
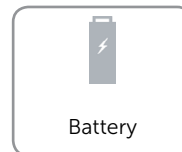
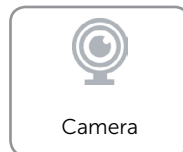
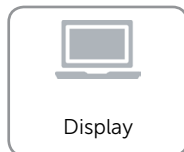
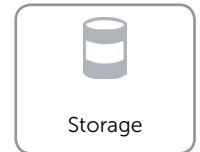
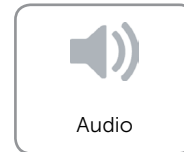
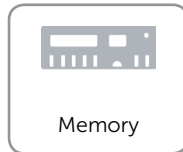
Computer environment



Specifications

Display

Type	15.6-inch Full HD WLED touchscreen
Resolution (maximum)	1920 x 1080
Pixel pitch	0.17925 mm x 0.17925 mm
Dimensions:	
Height	193.59 mm (7.62 in)
Width	344.16 mm (13.55 in)
Diagonal	396.24 mm (15.60 in)
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

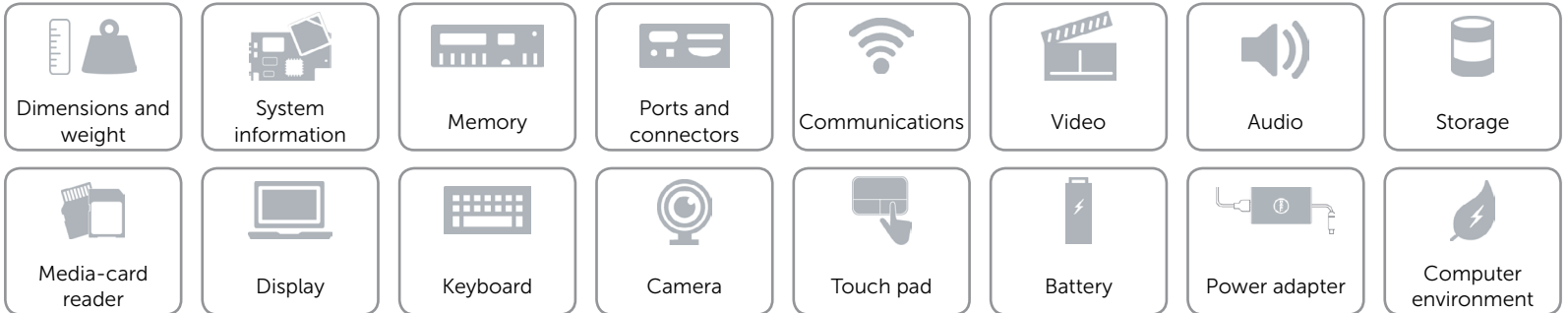
Keyboard

Type Backlit keyboard

Shortcut keys Some keys on your keyboard have two symbols on them. These keys are 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 function keys (F1–F12) by changing **Function Key Behavior** in BIOS setup program.

["List of shortcut keys"](#).





Shortcut keys

	Mute audio
	Decrease volume
	Increase volume
	Play previous track/chapter
	Play/Pause
	Play next track/chapter
	Switch to external display
	Search
	Toggle keyboard backlight
	Decrease brightness
	Increase brightness

	+		Turn off/on wireless
	+		Toggle Scroll Lock
	+		Toggle Fn-key lock
	+		Pause/Break
	+		Sleep
	+		Page Up
	+		Page Down
	+		Home
	+		End



Specifications

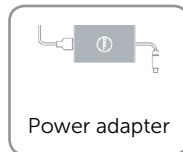
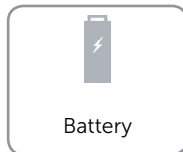
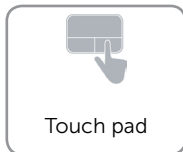
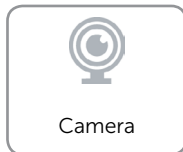
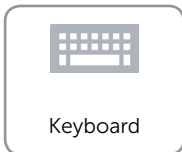
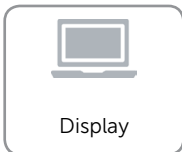
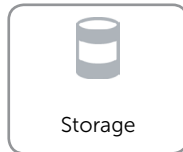
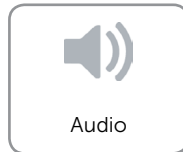
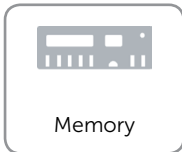
Camera

Resolution:

Still image 0.92 megapixel

Video 1280 x 720 (HD) at 30 fps (maximum)

Diagonal viewing angle 74 degrees





Specifications

Touch pad

Resolution:

Horizontal 304.8

Vertical 304.8

Dimensions:

Height 62 mm (2.44 in)

Width 102 mm (4.02 in)



Dimensions and weight



System information



Memory



Ports and connectors



Communications



Video



Audio



Storage



Media-card reader



Display



Keyboard



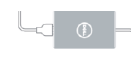
Camera



Touch pad



Battery



Power adapter



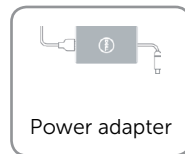
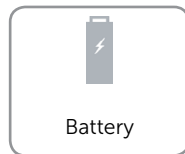
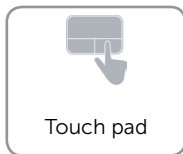
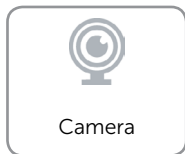
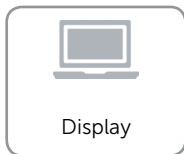
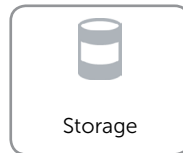
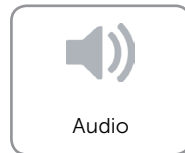
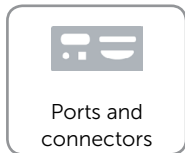
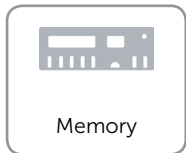
Computer environment



Specifications

Battery

Type	3-cell "smart" lithium ion (43 WHr)
Dimensions:	
Height	6.80 mm (0.27 in)
Width	77.20 mm (3.04 in)
Depth	254 mm (10 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

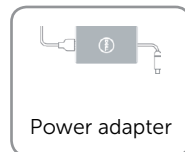
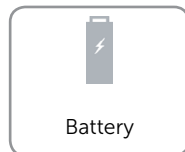
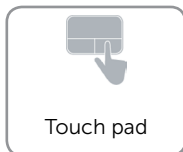
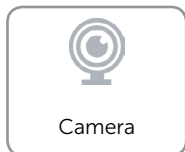
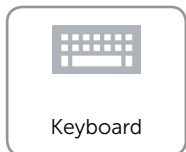
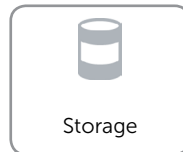
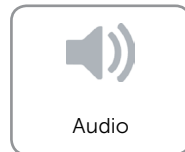
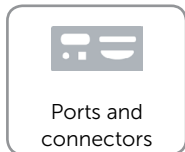
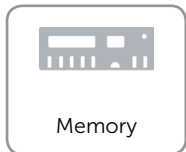
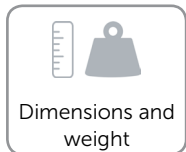




Specifications

Power adapter

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

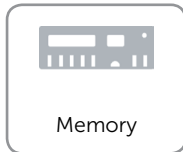
‡ Measured using a 2 ms half-sine pulse when the hard-drive head is in parked position.



Dimensions and weight



System information



Memory



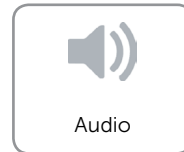
Ports and connectors



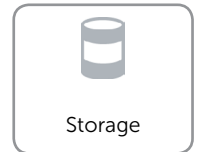
Communications



Video



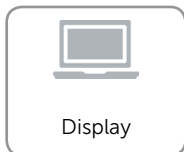
Audio



Storage



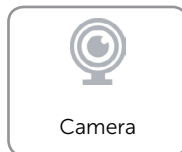
Media-card reader



Display



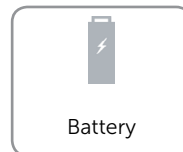
Keyboard



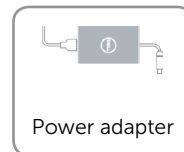
Camera



Touch pad



Battery



Power adapter



Computer environment