



Inspiron 15

3000 Series



[Views](#)

[Specifications](#)

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2015 - 12 Rev. A00

Regulatory model: P47F | Type: P47F005

Computer model: Inspiron 15-3555

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/hard-drive activity light

Indicates the battery-charge status or the hard-drive activity.

NOTE: Press Fn+H to toggle this light between power and battery-status light and hard-drive activity light.

Hard-drive activity light

Turns on when the computer reads from or writes to the hard drive.

Battery-status light

Indicates the battery status.

- | | |
|-------------|--|
| Solid white | Power adapter is connected and the battery has more than 5% charge. |
| Amber | 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

Left



1 Power-adapter port

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

2 Network port

Connect an Ethernet (RJ45) cable from a router or a broadband modem for network or internet access.

3 HDMI port

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

4 USB 3.0 port

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

5 Media-card reader

Reads from and writes to media cards.



Front



Left



Right



Base



Display

Right



1 Headset port

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

2 USB 2.0 ports (2)

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.

4 Security-cable slot

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



Base



Front



Left



Right



Base



Display



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 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 www.dell.com/support/manuals.

2 Right-click area

Press to right-click.

3 Touch pad

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

4 Left-click area

Press to left-click.



Display



Front



Left



Right



Base



Display



1 Camera

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

2 Camera-status light

Turns on when the camera is in use.

3 Microphone

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



Specifications

Dimensions and weight

Height	23.65 mm (0.93 in)
Width	380 mm (14.96 in)
Depth	260.30 mm (10.25 in)
Weight (maximum)	2.40 kg (5.29 lb)

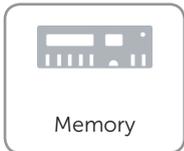
NOTE: The weight of your laptop varies depending on the configuration ordered and the manufacturing variability.



Dimensions and weight



System information



Memory



Ports and connectors



Communications



Video



Audio



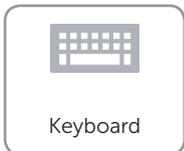
Storage



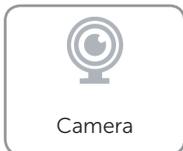
Media-card reader



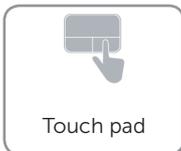
Display



Keyboard



Camera



Touch pad



Battery



Power adapter



Computer environment



Specifications

System information

Computer model	Inspiron 15-3555
Processor	<ul style="list-style-type: none">• AMD E1-6010 APU with Radeon R2 Graphics• AMD E2-6110 APU with Radeon R2 Graphics• AMD A6-6310 APU with Radeon R4 Graphics• AMD A8-7410 APU with Radeon R5 Graphics
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



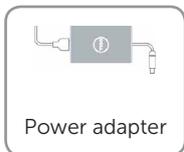
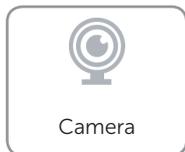
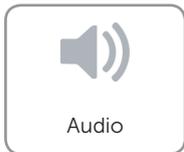
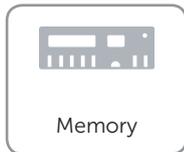
Computer environment



Specifications

Memory

Slots	Two SODIMM slots
Type	Single-channel DDR3L
Speed	1333MHz and 1600 MHz
Configurations supported	2 GB, 4 GB, 6 GB, and 8 GB





Specifications

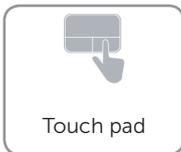
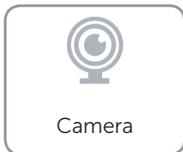
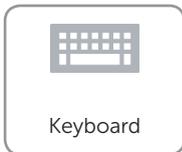
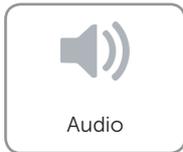
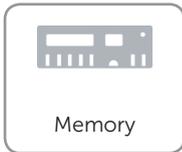
Ports and connectors

External:

- | | |
|-------------|---|
| Network | One RJ45 port |
| USB | <ul style="list-style-type: none">• Two USB 2.0 ports• One USB 3.0 port |
| Audio/video | <ul style="list-style-type: none">• One HDMI port• One headset (headphone and microphone combo) port |

Internal:

- | | |
|-----|---|
| M.2 | One M.2 slot for Wi-Fi and Bluetooth combo card |
|-----|---|





Specifications

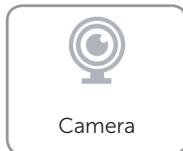
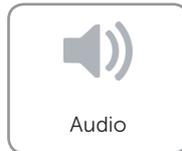
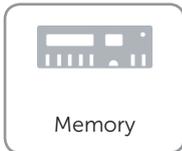
Communications

Ethernet

10/100 Mbps Ethernet controller integrated on system board

Wireless

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





Specifications

Video

Controller	Integrated in processor
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

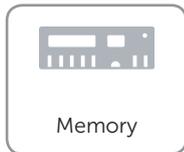
Controller	Realtek ALC3234 with Waves MaxxAudio
Speakers	Two
Speaker output:	
Average	2.0 W
Peak	2.5 W
Microphone	Single digital microphone in the camera assembly
Volume controls	Media-control shortcut keys



Dimensions and weight



System information



Memory



Ports and connectors



Communications



Video



Audio



Storage



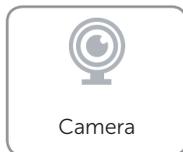
Media-card reader



Display



Keyboard



Camera



Touch pad



Battery



Power adapter



Computer environment



Specifications

Storage

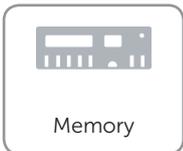
Interface	SATA 1.5 Gbps
Hard drive	One 2.5-inch drive
Optical drive	One 9.5-mm DVD +/- RW drive



Dimensions and weight



System information



Memory



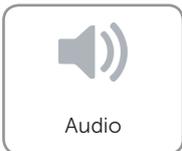
Ports and connectors



Communications



Video



Audio



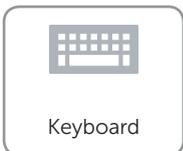
Storage



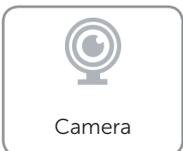
Media-card reader



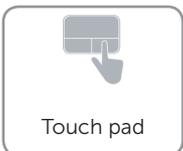
Display



Keyboard



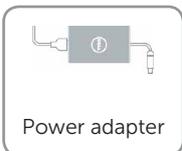
Camera



Touch pad



Battery



Power adapter



Computer environment



Specifications

Media-card reader

Type	One SD card slot
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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 with Truelife touch screen• 15.6-inch with Truelife non-touch screen
Resolution (maximum)	1366 x 768
Dimensions:	
Height	223.06 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 degrees (closed) to 135 degrees
Pixel pitch	0.2520 mm
Controls	Brightness can be controlled using shortcut keys.



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

Keyboard

Type Chiclet 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 System Setup.

[List of shortcut keys.](#)

 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



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
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
Fn + 	Toggle between power and battery-status light/hard-drive activity light
Fn + 	System request
Fn + 	Open application menu



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	2040
Vertical	1240

Dimensions:

Width	105 mm (4.13 in)
Height	65 mm (2.56 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



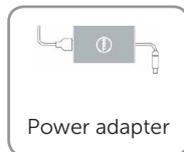
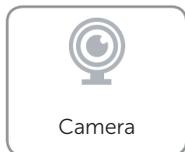
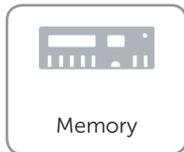
Computer environment



Specifications

Battery

Type	<ul style="list-style-type: none">• 4-cell 40 WHr smart lithium• 4-cell 47 WHr smart lithium
Dimensions:	
Width	20 mm (0.79 in)
Depth	270 mm (10.63 in)
Height	37.50 mm (1.48 in)
Weight (maximum)	0.25 kg (0.55 lb)
Voltage	14.80 VDC
Charging time (approximate)	4 hours (when the computer is off)
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	CR2032





Specifications

Power adapter

Type	<ul style="list-style-type: none">• 45 W• 65 W
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current	1.30 A/1.60 A/1.70 A
Output current	2.31 A/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



Touch pad



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 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.

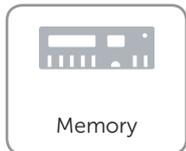
‡ Measured using a 2 ms half-sine pulse when the hard-drive head is in parked position.



Dimensions and weight



System information



Memory



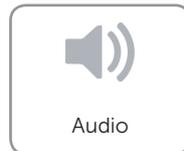
Ports and connectors



Communications



Video



Audio



Storage



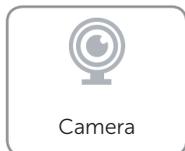
Media-card reader



Display



Keyboard



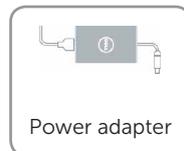
Camera



Touch pad



Battery



Power adapter



Computer environment