



# Inspiron 17

5000 Series



[Views](#)

[Specifications](#)

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2015 - 12 Rev. A01

Regulatory model: P28E | Type: P28E004

Computer model: Inspiron 17-5759

**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

 **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.

#### Power and battery-status light

Indicates the power and battery-charge 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"><li>• Power adapter is connected and the battery is fully charged.</li><li>• Computer is running on battery and the battery has more than 5% charge.</li><li>• Computer is in sleep state, hibernation, or turned off.</li></ul> |



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

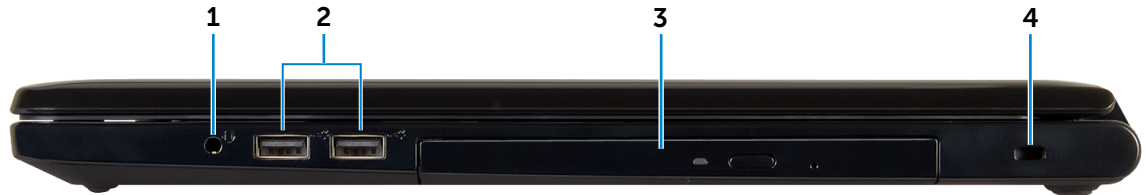


Base



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. Provide 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 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.

**4 Power button**

Press to turn on the computer if it is turned off, in sleep state or in hibernate 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 behaviour in Power Options. For more information, see *Me and My Dell* at [www.dell.com/support/manuals](http://www.dell.com/support/manuals).



## Display



Front



Left



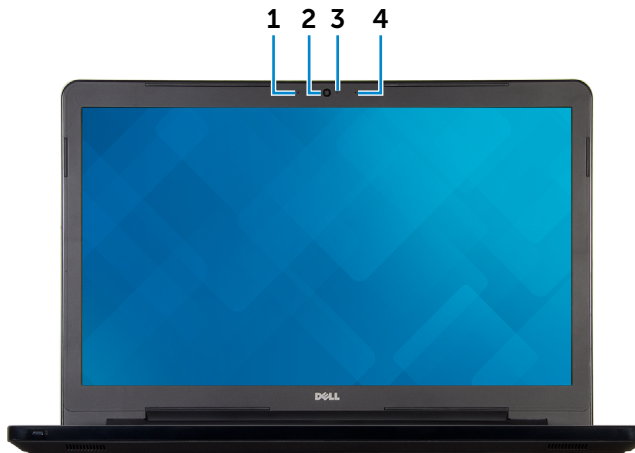
Right



Base



Display



**1 Left microphone**

Provides 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.

**4 Right microphone**

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



# Specifications

## Dimensions and weight

Height:	
Touch	29.20 mm (1.15 in)
Non-touch	27 mm (1.06 in)
Width	416.90 mm (16.41 in)
Depth	283.20 mm (11.15 in)
Weight (maximum):	
Touch	3.34 kg (7.36 lb)
Non-touch	2.82 kg (6.22 lb)


**NOTE:** The weight of your laptop varies depending on the configuration ordered and 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 17-5759
Processor	<ul style="list-style-type: none"><li>• 6<sup>th</sup> generation Intel Core i3</li><li>• 6<sup>th</sup> generation Intel Core i5</li><li>• 6<sup>th</sup> generation Intel Core i7</li></ul>
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

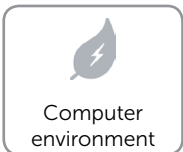
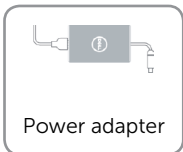
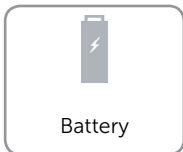
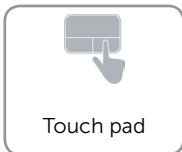
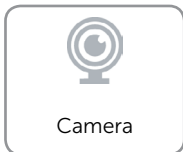
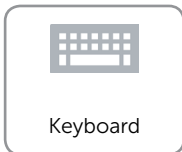
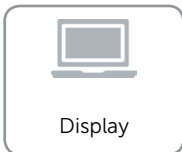
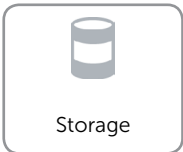
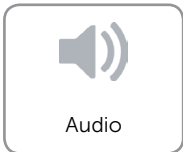
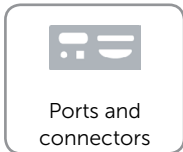
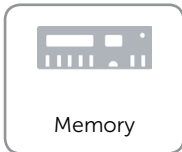




# Specifications

## Memory

Slot	Two SODIMM slots
Type	DDR3L
Speed	1600 MHz
Configurations supported	4 GB, 6 GB, 8 GB, 12 GB, and 16 GB





# Specifications

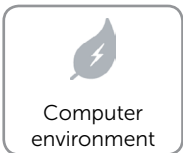
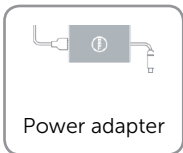
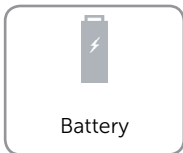
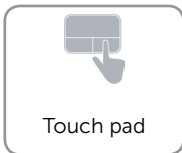
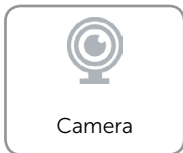
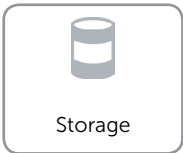
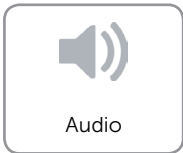
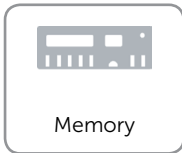
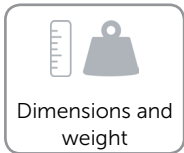
## Ports and connectors

### External:

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

### 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

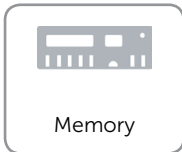
- Wi-Fi 802.11b/g/n
- Wi-Fi 802.11ac
- Bluetooth 4.0
- Intel WiDi



Dimensions and weight



System information



Memory



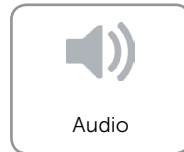
Ports and connectors



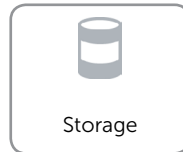
Communications



Video



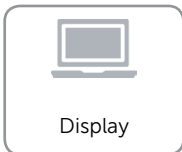
Audio



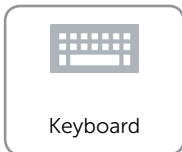
Storage



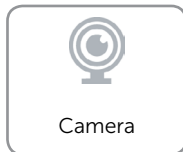
Media-card reader



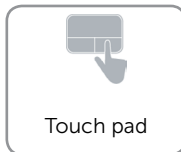
Display



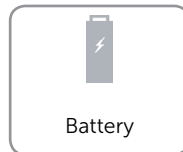
Keyboard



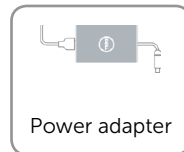
Camera



Touch pad



Battery



Power adapter



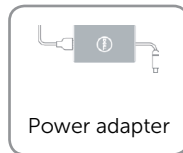
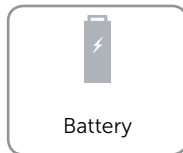
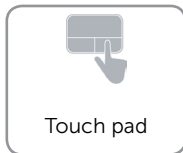
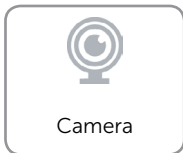
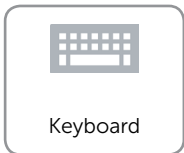
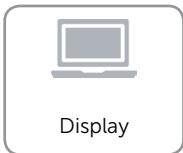
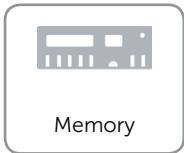
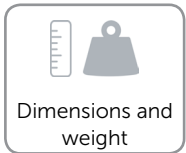
Computer environment



# Specifications

## Video

Controller:	
Integrated	Intel HD Graphics 520
Discrete	AMD Radeon R5 M335
Memory:	
Integrated	Shared system memory
Discrete	Up to 4 GB DDR3L





# Specifications

## Audio

Controller	Realtek ALC3234 with Waves MaxxAudio Pro
Speakers	Two
Speaker output:	
Average	2 W
Peak	2.2 W
Microphone	Digital array-microphones
Volume controls	Media-control shortcut keys



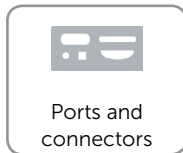
Dimensions and weight



System information



Memory



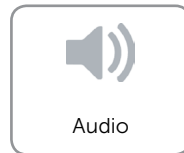
Ports and connectors



Communications



Video



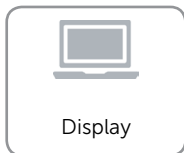
Audio



Storage



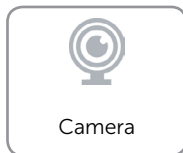
Media-card reader



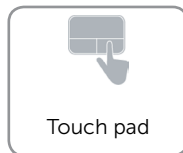
Display



Keyboard



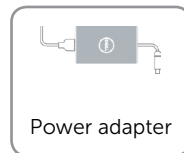
Camera



Touch pad



Battery



Power adapter



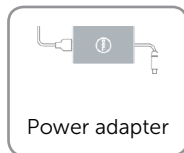
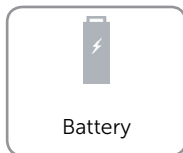
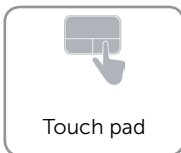
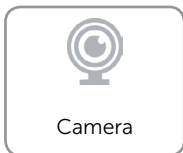
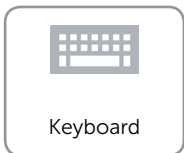
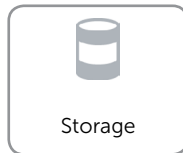
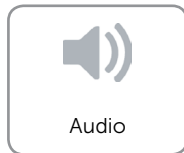
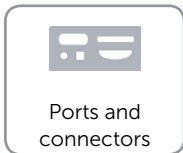
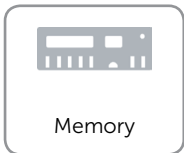
Computer environment



# Specifications

## Storage

Interface	SATA 6 Gbps
Hard drive	One 2.5-inch drive (supports Intel Smart Response Technology)
Optical drive (optional)	One 9.5-mm DVD+/-RW drive






# Specifications

## Media-card reader


Type	SD card slot
------	--------------



Dimensions and weight



System information



Memory




Ports and connectors



Communications



Video




Audio



Storage




Media-card reader




Display




Keyboard




Camera




Touch pad



Battery



Power adapter



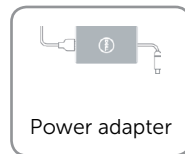
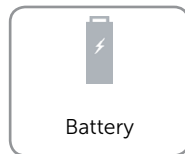
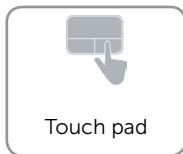
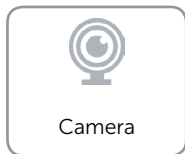
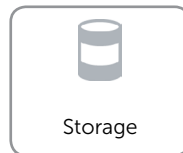
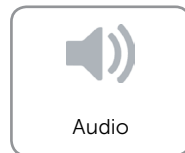
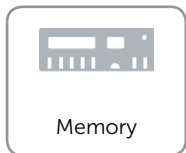
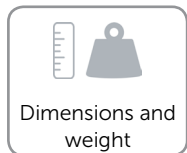
Computer environment



# Specifications

## Display

Type	17.3-inch FHD WLED touch screen 17.3-inch FHD WLED non-touch screen	17.3-inch HD+ WLED non-touch screen
Resolution (maximum)	1920 x 1080	1600 x 900
Pixel pitch	0.1989 mm	0.23868 mm
Dimensions:		
Height	233.30 mm (9.18 in)	
Width	398.60 mm (15.69 in)	
Diagonal	439.42 mm (17.30 in)	
Refresh rate	60 Hz	
Operating angle	0 degrees (closed) to 135 degrees	
Controls	Brightness can be controlled using shortcut keys.	







# 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 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

	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 between power and battery-status light/hard-drive activity light
	+		Sleep
	+		Toggle Fn-key lock
	+		Open application menu
	+		Pause/Break
	+		System request
	+		Toggle scroll lock



# Specifications

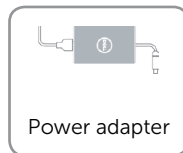
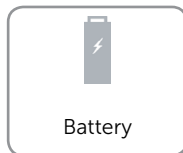
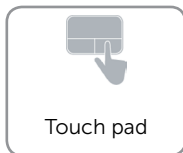
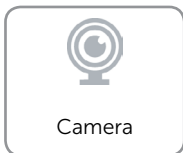
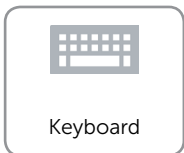
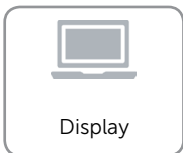
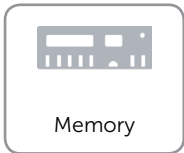
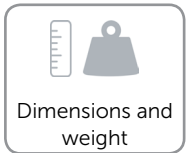
## Camera

Resolution:

Still image 0.92 megapixel

Video 1280 x 720 HD at 30 fps (maximum)

Diagonal viewing angle 74 degrees





# Specifications

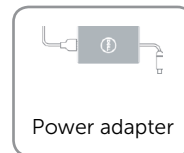
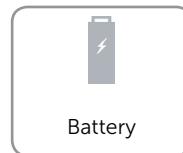
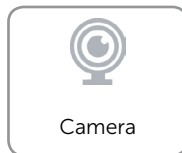
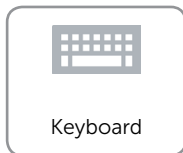
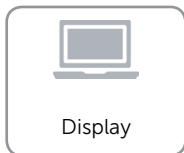
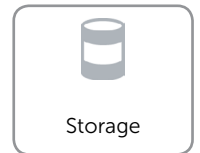
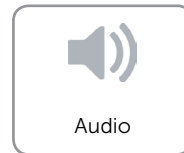
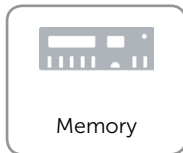
## Touch pad

### Resolution:

Horizontal	2189
Vertical	2417

### Dimensions:

Width	105 mm (4.13 in)
Height	80 mm (3.15 in)

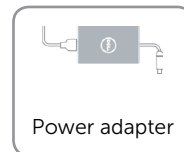
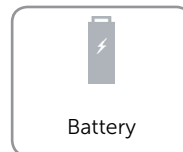
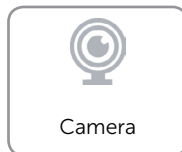
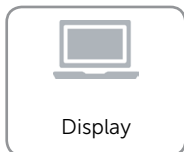
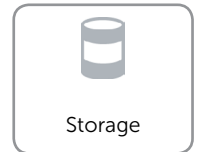
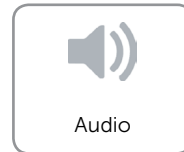
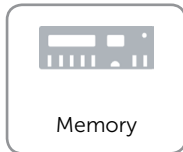




# Specifications

## Battery

Type	<ul style="list-style-type: none"><li>• 4-cell "smart" lithium ion 40 WHr</li><li>• 4-cell "smart" lithium ion 47 WHr</li></ul>
Dimensions:	
Width	270 mm (10.63 in)
Depth	37.50 mm (1.47 in)
Height	20 mm (0.78 in)
Weight (maximum)	<ul style="list-style-type: none"><li>• 40 WHr – 0.25 kg (0.55 lb)</li><li>• 47 WHr – 0.26 kg (0.56 lb)</li></ul>
Voltage	14.8 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

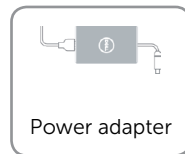
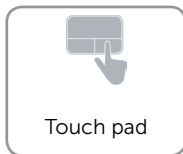
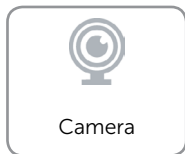
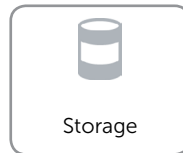
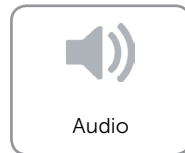
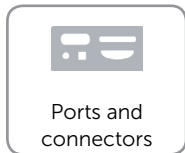
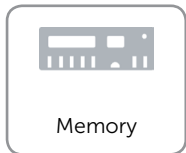




# Specifications

## Power adapter

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





# Specifications

## Computer environment

Airborne contaminant level	G1 as defined by ISA-S71.04-1985	
	<b>Operating</b>	<b>Storage</b>
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.

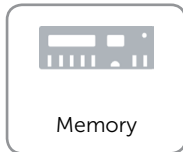
‡ Measured using a 2 ms half-sine pulse when the hard-drive head is in parked position.



Dimensions and weight



System information



Memory



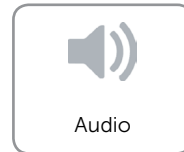
Ports and connectors



Communications



Video



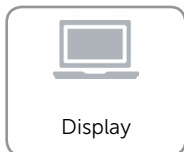
Audio



Storage



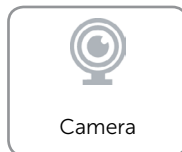
Media-card reader



Display



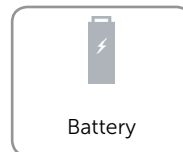
Keyboard



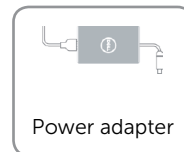
Camera



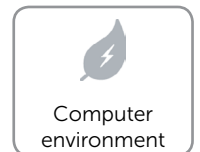
Touch pad



Battery



Power adapter



Computer environment