



# Inspiron 17

5000 Series



[Views](#)

[Specifications](#)

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2014 - 09 Rev. A01

Regulatory model: P26E | Type: P26E001

Computer model: Inspiron 17-5748

**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 state and battery state of the computer.

- |       |   |
|-------|---|
| White | Battery is getting charged.   |
| Amber | Battery is low or critical.   |
| Off   | <ul style="list-style-type: none"><li>• Computer is plugged in and the battery is fully charged.</li><li>• Computer is running on battery and battery has more than 10% charge.</li></ul> |



Front



Left



Right

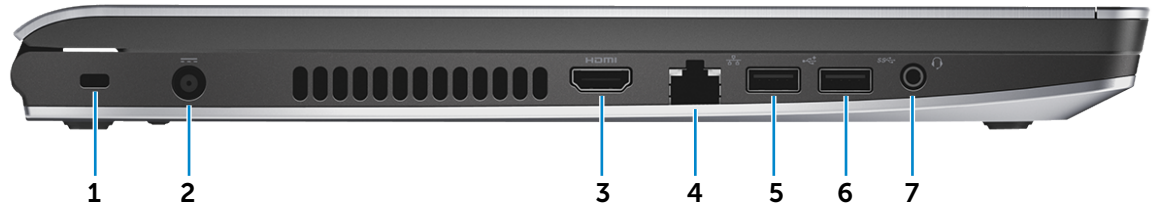


Base



Display

## Left



### 1 Security-cable slot

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

### 2 Power-adapter port

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

### 3 HDMI port

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

### 4 Network port

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

### 5 USB 2.0 port

Connect peripherals such as storage devices, printers, and so on. Provides data transfer speeds up to 480 Mbps.

### 6 USB 3.0 port

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

### 7 Headset port

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



Front



Left



Right



Base



Display

## Right



**1 Media-card reader**

Reads from and writes to media cards.

**2 USB 2.0 port**

Connect peripherals such as storage devices, printers, and so on. Provides data transfer speeds up to 480 Mbps.

**3 Optical drive**

Reads from and writes to CDs and DVDs.



Front



Left



Right

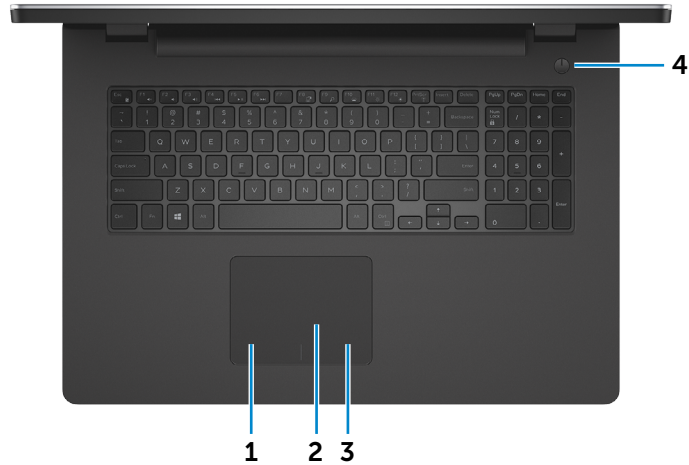


Base



Display

## Base



**1 Left-click area**

Press to left click.

**2 Touchpad**

Move your finger on the touchpad 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 or in Sleep state.

Press to put the computer in Sleep state if it is turned on.

Press and hold for 10 seconds to force shut-down the computer.

**NOTE:** You can customize the power-button behaviour in Power Options. For more information, see *Me and My Dell* at [dell.com/support](http://dell.com/support).



## Display



Front



Left



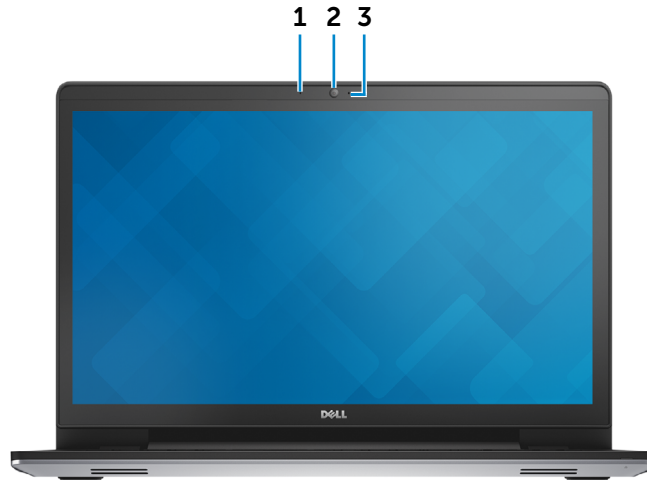
Right



Base



Display



**1 Microphone**

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

**2 Camera**

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

**3 Camera-status light**

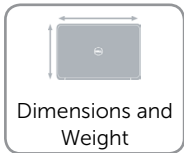
Turns on when the camera is in use.



# Specifications

## Dimensions and Weight

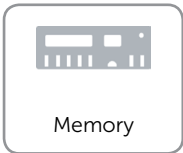
Height:	
Touch	29.60 mm (1.16 in)
Non touch	28.40 mm (1.12 in)
Width	414.30 mm (16.31 in)
Depth	285.70 mm (11.25 in)
Weight (maximum):	
Touch	3.30 kg (7.28 lb)
Non touch	3 kg (6.61 lb)
<b>NOTE:</b> The weight of your laptop varies depending on the configuration ordered and the manufacturing variability.	



Dimensions and Weight



System Information



Memory



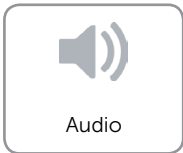
Ports and Connectors



Communications



Video



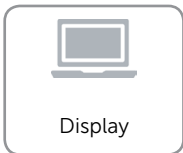
Audio



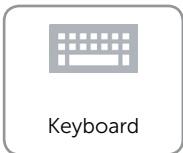
Storage



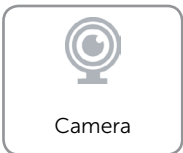
Media-card reader



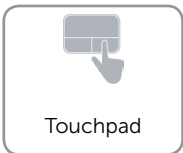
Display



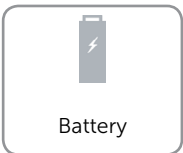
Keyboard



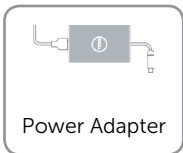
Camera



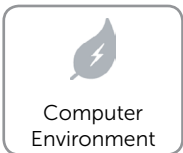
Touchpad



Battery



Power Adapter



Computer Environment



# Specifications

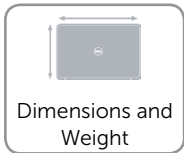
## System Information

Computer model

Inspiron 17-5748

Processor

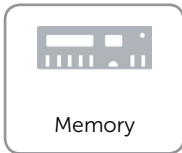
- 4<sup>th</sup> Generation Intel Core i3
- 4<sup>th</sup> Generation Intel Core i5
- 4<sup>th</sup> Generation Intel Core i7
- Intel Mobile Celeron
- Intel Pentium Dual Core



Dimensions and Weight



System Information



Memory



Ports and Connectors



Communications



Video



Audio



Storage



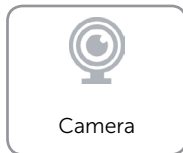
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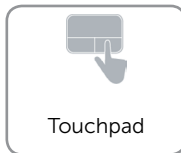
Display



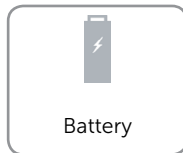
Keyboard



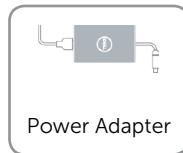
Camera



Touchpad



Battery



Power Adapter



Computer Environment

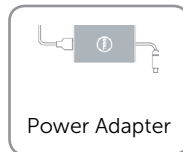
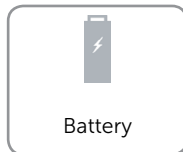
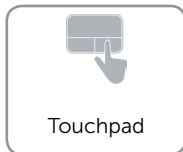
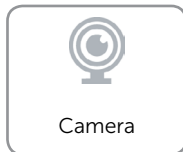
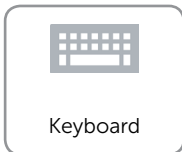
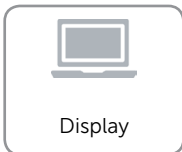
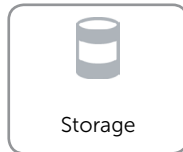
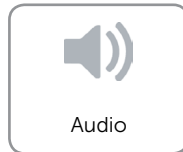
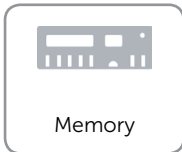
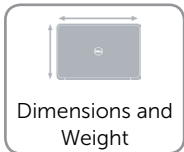




# Specifications

## Memory

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





# Specifications

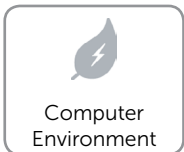
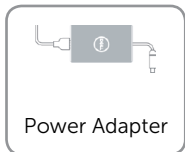
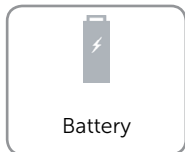
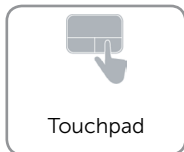
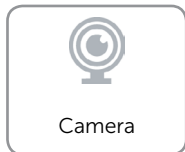
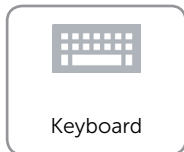
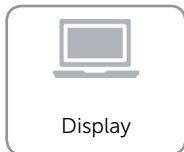
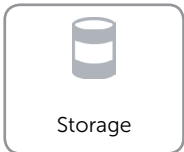
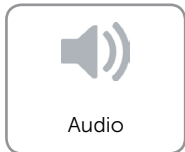
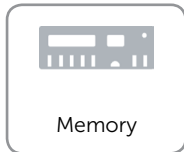
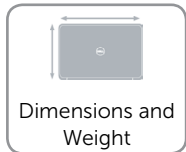
## Ports and Connectors

### External:

- |             |  |
|-------------|--|
| Network     | One RJ45 port  |
| USB         | <ul style="list-style-type: none"><li>• One USB 3.0 port</li><li>• Two USB 2.0 ports</li></ul> |
| Audio/Video | <ul style="list-style-type: none"><li>• One HDMI port</li><li>• One headset port</li></ul>     |

### Internal:

- |           |   |
|-----------|---|
| Mini card | One half mini-card slot for Wi-Fi, Bluetooth combo, and Wireless Display (optional) |
|-----------|---|





# Specifications

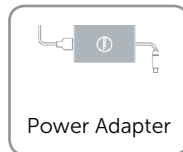
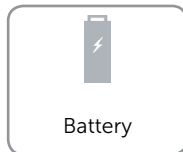
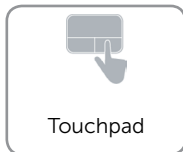
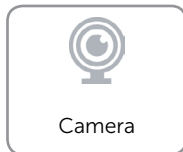
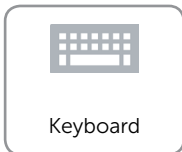
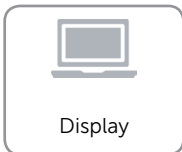
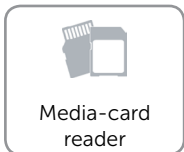
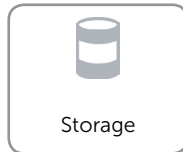
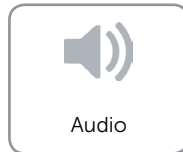
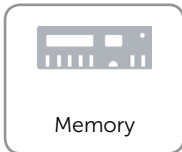
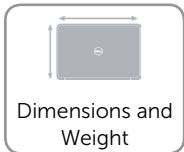
## Communications

Ethernet

10/100 Mbps Ethernet controller integrated on system board

Wireless

- Wi-Fi 802.11 b/g/n
- Bluetooth 4.0
- Wireless display (optional)



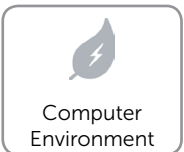
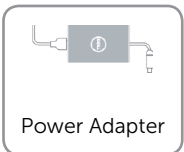
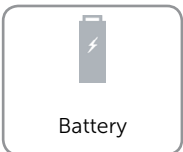
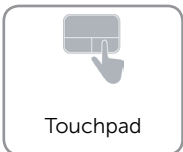
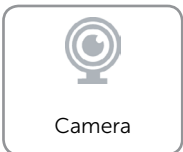
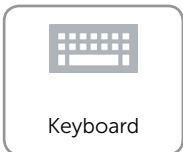
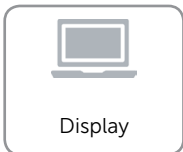
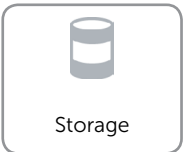
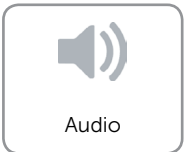
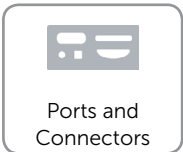
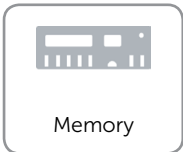
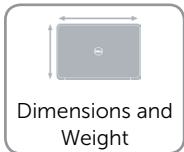


# Specifications

## Video

Controller:	
Integrated	Intel HD Graphics
Discrete	nVidia GeForce 820M nVidia GeForce 840M

Memory:	
Integrated	Shared system memory
Discrete	2 GB

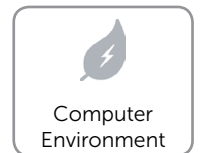
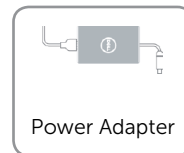
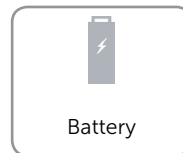
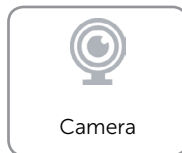
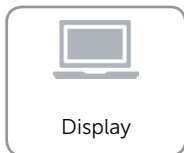
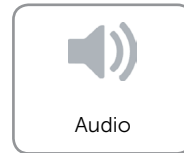
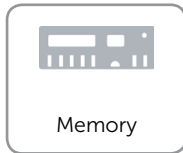
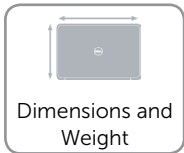




# Specifications

## Audio

Controller	Realtek ALC3234 with Waves MaxxAudio
Speakers	Two
Speaker output:	
Average	2 watt
Peak	2.5 watt
Microphone	digital microphone
Volume controls	Media-control shortcut keys

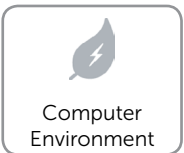
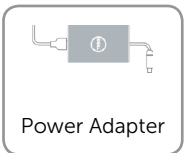
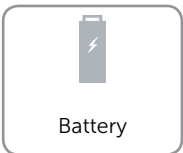
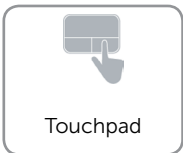
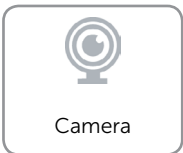
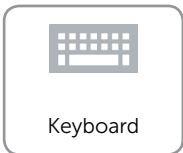
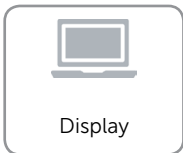
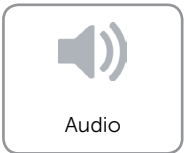
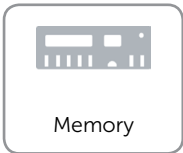
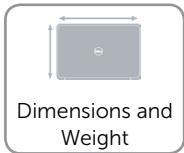




# Specifications

## Storage

Interface	SATA 6 Gbps
Hard drive	One 2.5-inch drive
Optical drive	One 9.5 mm DVD+/-RW drive

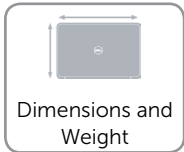




# Specifications

## Media-card reader

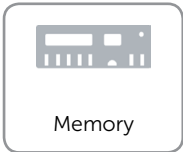
Type	Single slot
Cards supported	SD card



Dimensions and Weight



System Information



Memory



Ports and Connectors



Communications



Video



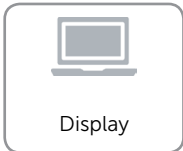
Audio



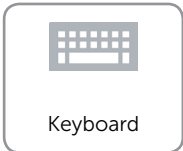
Storage



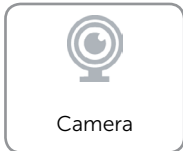
Media-card reader



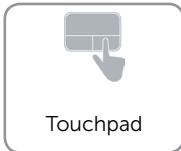
Display



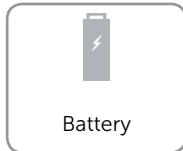
Keyboard



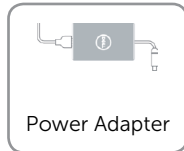
Camera



Touchpad



Battery



Power Adapter



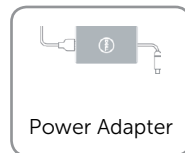
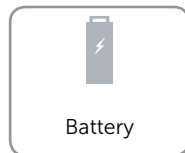
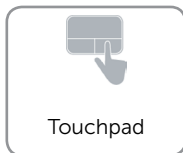
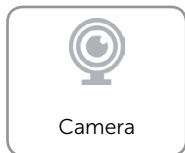
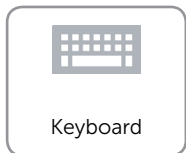
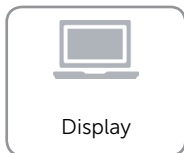
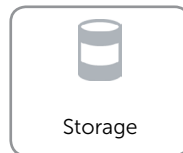
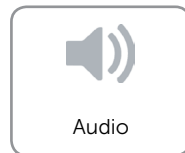
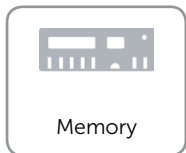
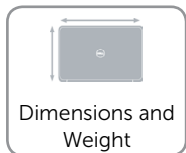
Computer Environment



# Specifications

## Display

Type	<ul style="list-style-type: none"><li>• 17.3-inch full HD WLED</li><li>• 17.3-inch HD+</li></ul>
Resolution (maximum):	
Touch	1920 x 1080
Non-touch	1600 x 900
Dimensions:	
Height	214.81 mm (8.46 in)
Width	381.89 mm (15.04 in)
Diagonal	439.42 mm (17.30 in)
Refresh rate	60 Hz
Operating angle	0 degrees (closed) to 135 degrees
Pixel pitch	0.1875 mm
Controls	Brightness can be controlled using shortcut keys.







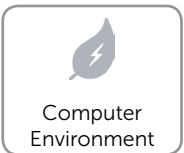
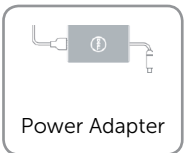
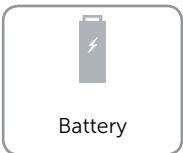
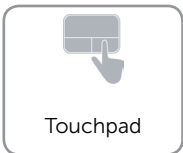
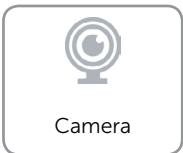
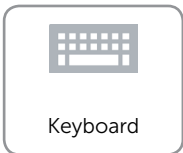
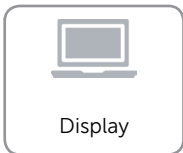
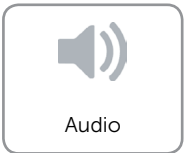
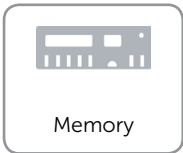
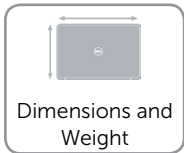
# Specifications

## 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 define the primary behavior of the shortcut keys by changing **Function Key Behavior** in System Setup.





# Specifications

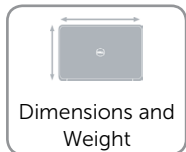
## Camera

### Resolution:

Still image 0.92 megapixels

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

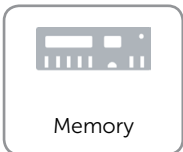
Diagonal viewing angle 74 degrees



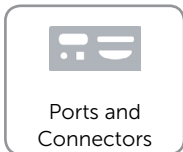
Dimensions and Weight



System Information



Memory



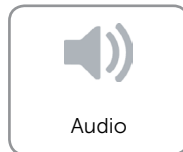
Ports and Connectors



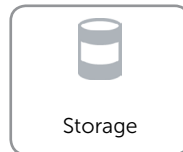
Communications



Video



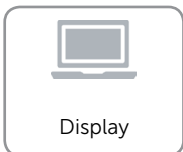
Audio



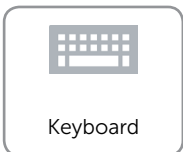
Storage



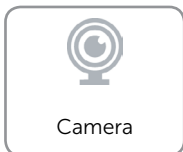
Media-card reader



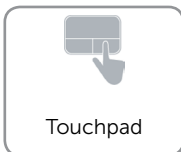
Display



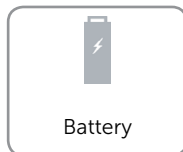
Keyboard



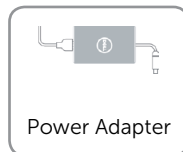
Camera



Touchpad



Battery



Power Adapter



Computer Environment



# Specifications

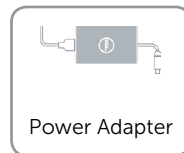
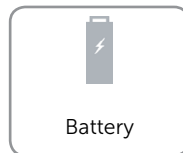
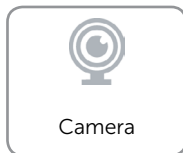
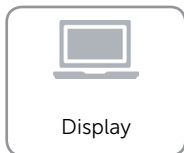
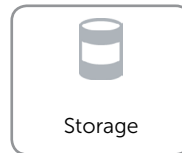
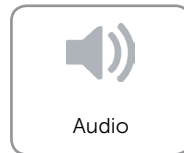
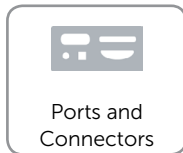
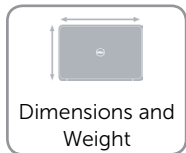
## Touchpad

### Resolution:

Horizontal	1260 dpi
Vertical	1207 dpi

### Dimensions:

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

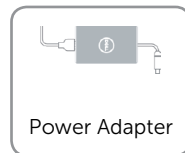
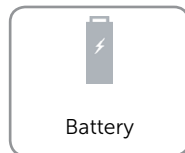
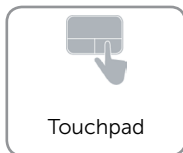
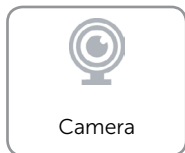
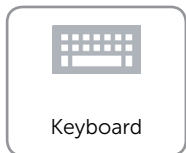
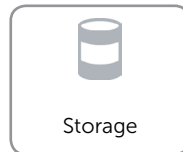
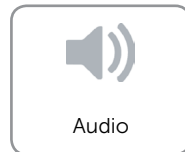
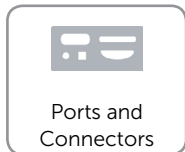
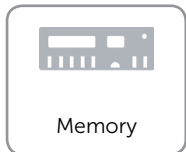
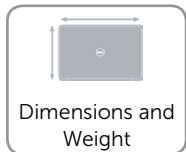




# Specifications

## Battery

Type	<ul style="list-style-type: none"> <li>4 cell "smart" lithium ion (40 WHr)</li> <li>6-cell "smart" lithium ion (65 WHr)</li> </ul>	
	<b>4 cell</b>	<b>6 cell</b>
Dimensions:		
Width	272.40 mm (10.72 in)	
Depth	46.30 mm (1.82 in)	
Height	20 mm (0.79 in)	35.40 mm (1.39 in)
Weight (maximum)	0.26 kg (0.57 lb)	0.36 kg (0.79 lb)
Voltage	14.80 VDC	11.10 VDC
Operating time	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.	
Charging time when the computer is off (approximate)	4 hours	
Life span (approximate)	300 discharge/charge cycles	
Temperature range:		
Operating	0°C to 35°C (32°F to 95°F)	
Storage	-40°C to 65°C (-40°F to 149°F)	
Coin-cell battery	CR-2032	

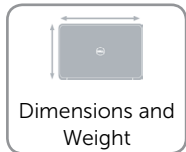




# Specifications

## Power Adapter

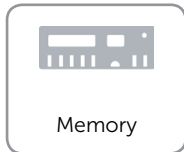
Type	65 W
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current	1.60 A/1.70 A (maximum)
Output current	3.34 A
Rated output voltage	19.50 VDC
Temperature range:	
Operating	0°C to 40°C (32°F to 104°F)
Storage	–40°C to 70°C (–40°F to 158°F)



Dimensions and Weight



System Information



Memory



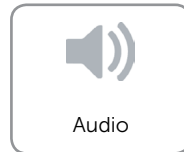
Ports and Connectors



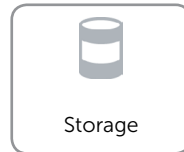
Communications



Video



Audio



Storage



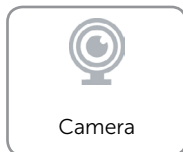
Media-card reader



Display



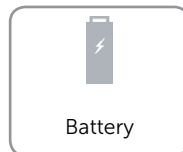
Keyboard



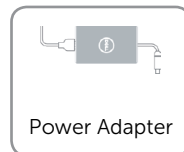
Camera



Touchpad



Battery



Power Adapter



Computer Environment



# 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 40°C (32°F to 104°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 <sup>†</sup>	160 G <sup>‡</sup>
* 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.		

