



# Inspiron 15

3000 Series



[Views](#)

[Specifications](#)

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2014 - 11 Rev. A02

Regulatory model: P40F | Type: P40F001/P40F002

Computer model: Inspiron 15-3541/15-3542/15-3543

**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.

- |       |   |
|-------|---|
| 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

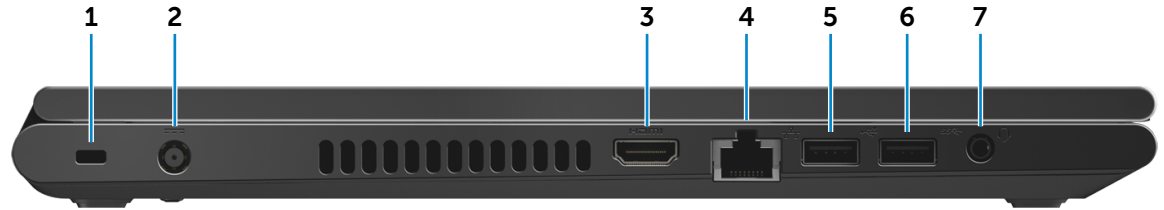


Base



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.



## Base



Front



Left



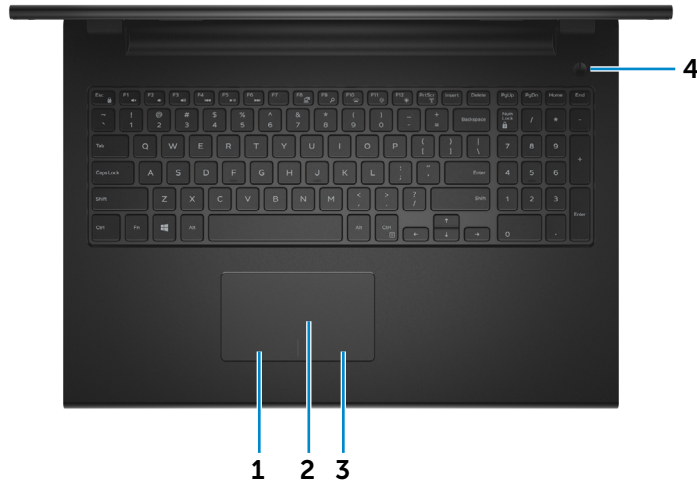
Right



Base



Display



### 1 Left-click area

Tap 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


Tap 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/home](http://dell.com/support/home).



Front



Left



Right

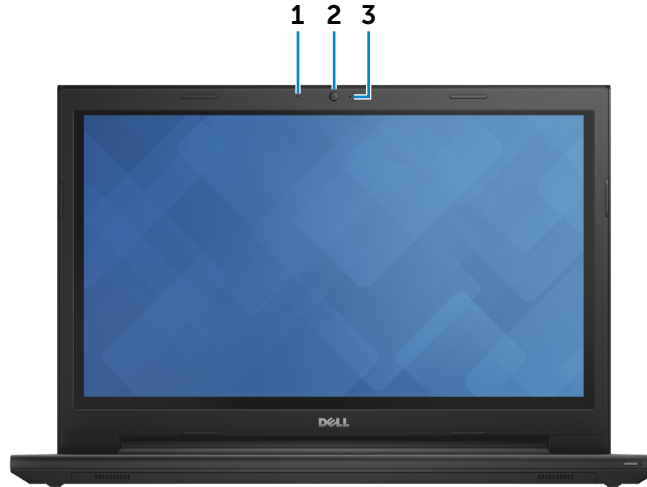


Base



Display

## 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 screen	26.6 mm (1.05 in)
Non-touch screen	25.6 mm (1.01 in)
Width	381.4 mm (15.02 in)
Depth	267.6 mm (10.54 in)
Weight (maximum):	
Touch screen	2.5 kg (5.51 lb)
Non-touch screen	2.4 kg (5.29 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

Touch Pad

Battery

Power Adapter

Computer Environment



# Specifications

## System Information

Computer model	Inspiron 15-3541	Inspiron 15-3542	Inspiron 15-3543
Processor	<ul style="list-style-type: none"><li>• AMD E1-6010</li><li>• AMD E2-6110</li><li>• AMD A4-6210</li><li>• AMD A6-6310</li></ul>	<ul style="list-style-type: none"><li>• Intel Celeron Dual Core</li><li>• Intel Pentium Dual Core</li><li>• 4<sup>th</sup> generation Intel Core i3</li><li>• 4<sup>th</sup> generation Intel Core i5</li><li>• 4<sup>th</sup> generation Intel Core i7</li></ul>	<ul style="list-style-type: none"><li>• Intel Celeron</li><li>• Intel Pentium</li><li>• 5<sup>th</sup> generation Intel Core i3 ULV</li><li>• 5<sup>th</sup> generation Intel Core i5 ULV</li><li>• 5<sup>th</sup> generation Intel Core i7 ULV</li></ul>
Chipset	Integrated in processor	Integrated in processor	Integrated in processor

Dimensions and Weight

System Information

Memory

Ports and Connectors

Communications

Video

Audio

Storage

Media-Card Reader

Display

Keyboard

Camera

Touch Pad

Battery

Power Adapter

Computer Environment

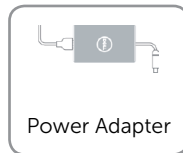
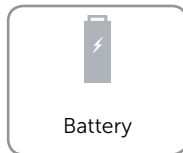
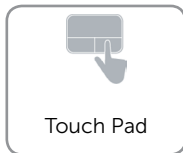
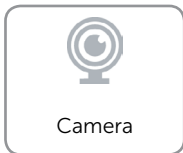
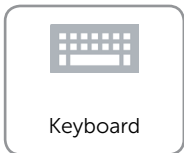
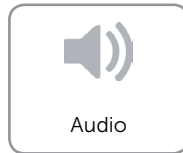
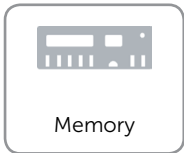
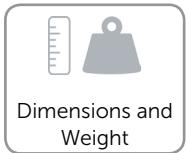




# Specifications

## Memory

Slot	One SODIMM slot
Type	DDR3L
Speed	Up to 1600 MHz
Configurations supported	2 GB, 4 GB, and 8 GB





# Specifications

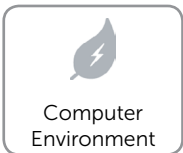
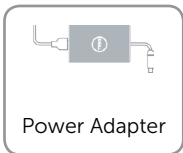
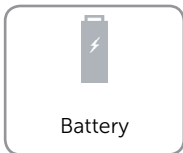
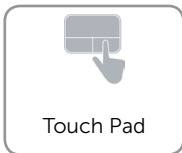
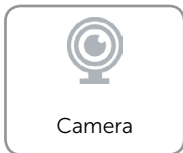
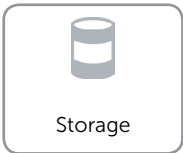
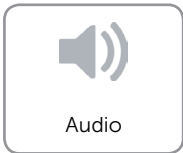
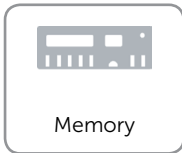
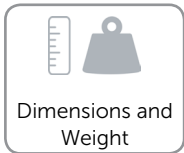
## Ports and Connectors

### 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>
HDMI	One HDMI-out port
Audio	One headset port

### Internal:

Mini Card	One half Mini Card slot for WLAN, Bluetooth, and Intel WiDi (optional)
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# Specifications

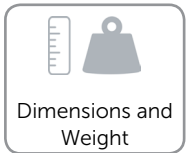
## Communications

Ethernet

10/100 Mbps Ethernet controller integrated on system board

Wireless

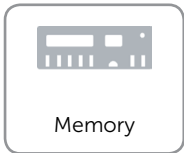
- Wi-Fi 802.11b/g/n
- Bluetooth 4.0
- Intel WiDi (optional)



Dimensions and Weight



System Information



Memory



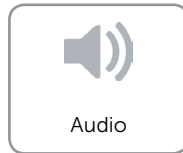
Ports and Connectors



Communications



Video



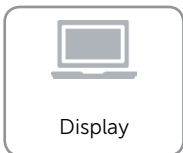
Audio



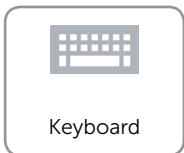
Storage



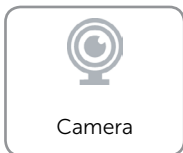
Media-Card Reader



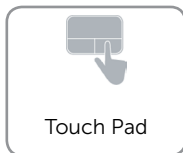
Display



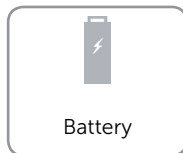
Keyboard



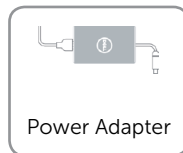
Camera



Touch Pad



Battery



Power Adapter



Computer Environment



# Specifications

## Video

	Integrated	Discrete
Controller:		
Inspiron 15-3541	<ul style="list-style-type: none"> <li>• AMD Radeon R4 Graphics for AMD A6 Quad Core</li> <li>• AMD Radeon R3 Graphics for AMD A4 Quad Core</li> <li>• AMD Radeon R2 Graphics for AMD E1 Dual Core</li> </ul>	AMD Radeon HD R5 M230
Inspiron 15-3542	<ul style="list-style-type: none"> <li>• Intel HD Graphics for Intel Celeron and Intel Pentium</li> <li>• Intel HD Graphics 4400 for Intel Core i3, Intel Core i5, and Intel Core i7</li> </ul>	<ul style="list-style-type: none"> <li>• nVidia 820M</li> <li>• nVidia 840M</li> </ul>
Inspiron 15-3543	<ul style="list-style-type: none"> <li>• Intel HD Graphics for Intel Celeron and Intel Pentium</li> <li>• Intel HD Graphics 5500 for Intel Core i3, Intel Core i5, and Intel Core i7</li> </ul>	<ul style="list-style-type: none"> <li>• nVidia 820M</li> <li>• nVidia 840M</li> </ul>
Memory	Shared system memory	<ul style="list-style-type: none"> <li>• 1 GB DDR3L</li> <li>• 2 GB DDR3L</li> </ul>



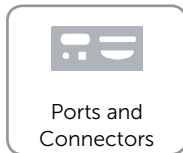
Dimensions and Weight



System Information



Memory



Ports and Connectors



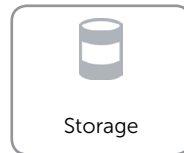
Communications



Video



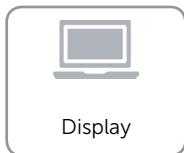
Audio



Storage



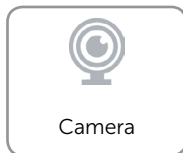
Media-Card Reader



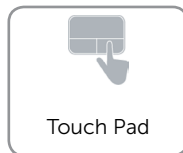
Display



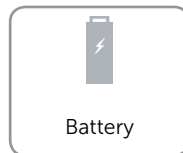
Keyboard



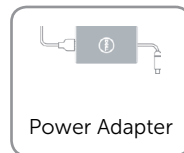
Camera



Touch Pad



Battery



Power Adapter



Computer Environment



# Specifications

## Audio

### Controller:

Intel Realtek ALC3234 with Waves MaxxVoice

AMD Realtek ALC3223 with Waves MaxxVoice

### Speakers

Two

### Speaker output:

Average 2 W

Peak 2.5 W

### Microphone

Digital microphone

### Volume controls

Program menus and keyboard media-control shortcut keys. To learn about your computer keyboard shortcut keys, see the *Quick Start Guide* at [dell.com/support/manuals](https://dell.com/support/manuals).



Dimensions and Weight



System Information



Memory



Ports and Connectors



Communications



Video



Audio



Storage



Media-Card Reader



Display



Keyboard



Camera



Touch Pad



Battery



Power Adapter



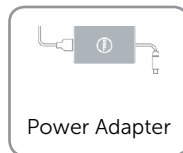
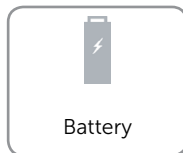
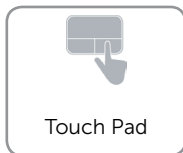
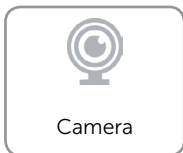
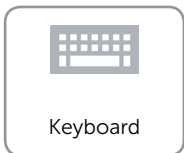
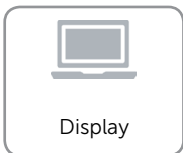
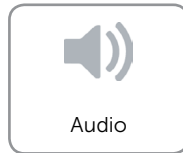
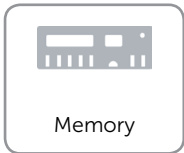
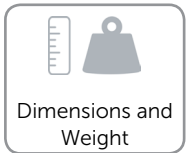
Computer Environment



# Specifications

## Storage

Interface	<ul style="list-style-type: none"><li>• SATA 6 Gbps for hard drive</li><li>• SATA 3 Gbps for optical drive</li></ul>
Hard drive	One 2.5-in drive
Optical drive	One 9.5 mm DVD+/-RW drive

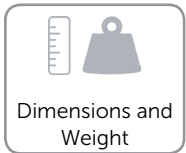




# Specifications

## Media-Card Reader

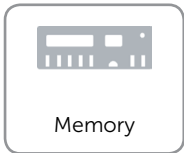
Type	One slot
Cards supported	SD card



Dimensions and Weight



System Information



Memory



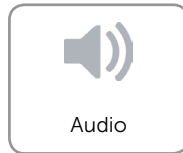
Ports and Connectors



Communications



Video



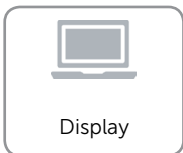
Audio



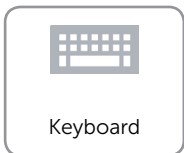
Storage



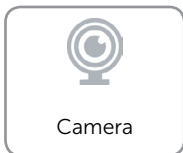
Media-Card Reader



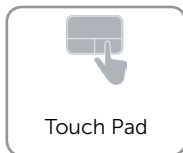
Display



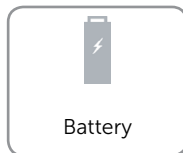
Keyboard



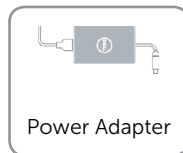
Camera



Touch Pad



Battery



Power Adapter



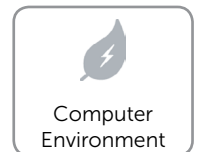
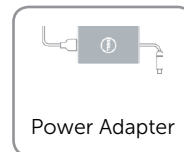
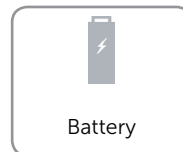
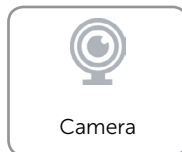
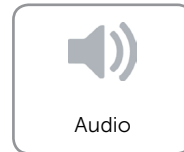
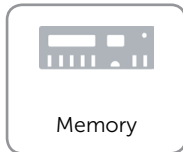
Computer Environment



# Specifications

## Display

Type	<ul style="list-style-type: none"><li>• 15.6-in HD touch screen</li><li>• 15.6-in HD non-touch screen</li></ul>
Resolution (maximum)	1366 x 768
Dimensions:	
Height	225.06 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 degree (closed) to 135 degrees
Pixel pitch	0.252 mm
Controls	Brightness can be controlled using keyboard shortcut keys. To learn about your computer keyboard shortcut keys, see the <i>Quick Start Guide</i> at <a href="http://dell.com/support/manuals">dell.com/support/manuals</a> .







# 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.

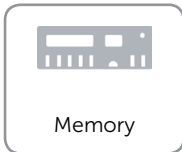
**NOTE:** You can define the primary behavior of the shortcut keys by changing **Function Key Behavior** in BIOS setup program.



Dimensions and Weight



System Information



Memory



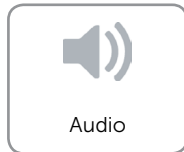
Ports and Connectors



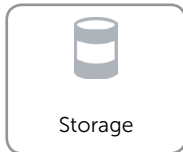
Communications



Video



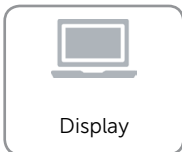
Audio



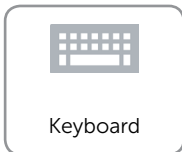
Storage



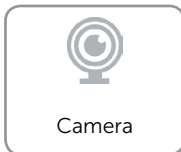
Media-Card Reader



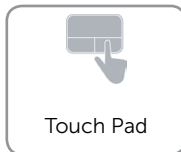
Display



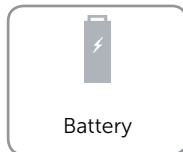
Keyboard



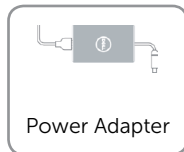
Camera



Touch Pad



Battery



Power Adapter



Computer Environment



# Specifications

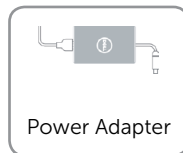
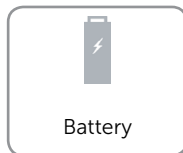
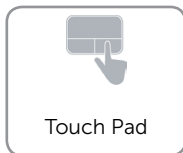
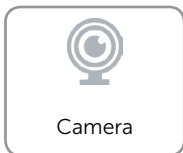
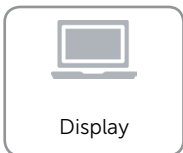
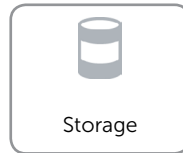
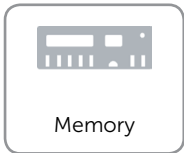
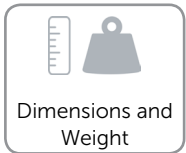
## Camera

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 1207 dpi

Vertical 1702 dpi

### Dimensions:

Height 57.4 mm (2.26 in)

Width 102.4 mm (4.03 in)



Dimensions and Weight



System Information



Memory



Ports and Connectors



Communications



Video



Audio



Storage



Media-Card Reader



Display



Keyboard



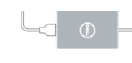
Camera



Touch Pad



Battery



Power Adapter



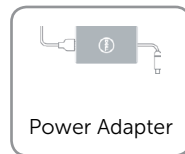
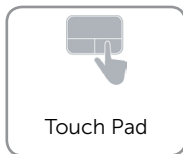
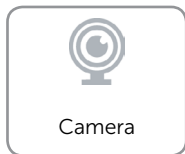
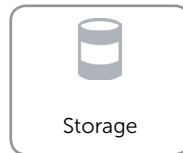
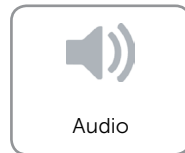
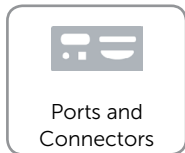
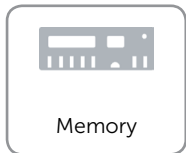
Computer Environment



# Specifications

## Battery

Type	4-cell 40 WHr smart lithium ion
Dimensions:	
Height	20 mm (0.79 in)
Width	272.4 mm (10.72 in)
Depth	46.3 mm (1.82 in)
Weight (maximum)	0.26 kg (0.57 lb)
Voltage	14.80 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

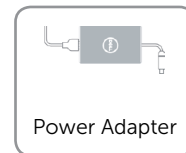
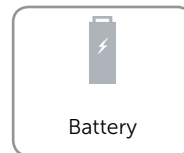
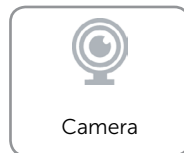
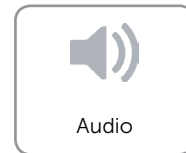
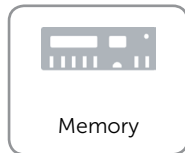




# Specifications

## Power Adapter

Type	65 W
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current (maximum)	1.50 A/1.60 A/1.70 A/2.50 A
Output current (continuous)	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 <sup>†</sup>	160 G <sup>‡</sup>
<p>* Measured using a random vibration spectrum that simulates user environment.  <sup>†</sup> Measured using a 2 ms half-sine pulse when the hard drive is in use.  <sup>‡</sup> Measured using a 2 ms half-sine pulse when the hard-drive head is in parked position.</p>		



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