



# Inspiron 11-3147 2-in-1



**Views**

**Modes**

**Specifications**

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2015 - 01 Rev. A01

Regulatory model: P20T | Type: P20T001

Computer model: Inspiron 11-3147

**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/Battery-status light

Indicates the power state and battery state of the computer.

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

Solid yellow — Battery charge is low or critical.

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



Front



Left



Right

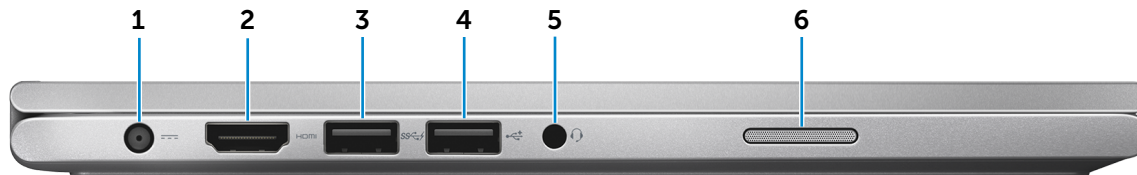


Base



Display

## Left



### 1 Power-adapter port

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

### 2 HDMI port

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

### 3 USB 3.0 port with PowerShare

Connect peripherals such as storage devices, printers, and so on. Provides data transfer speeds up to 5 Gbps. PowerShare allows you to charge your USB devices even when your computer is turned off.

**NOTE:** If your computer is turned off or in Hibernate state, you must connect the power adapter to charge your devices using the PowerShare port. You must enable this feature in the BIOS setup program.

**NOTE:** Certain USB devices may not charge when the computer is turned off or in the Sleep state. In such cases, turn on the computer to charge the device.

### 4 USB 2.0 port

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

### 5 Headset port

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

### 6 Left speaker

Provides audio output from your computer.



Front



Left



Right



Base



Display

## Right



### 1 Power button

Press to turn on the computer if it is turned off or in Sleep state.

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

Press and hold for 4 seconds to force shut-down the computer.

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

### 2 Volume-control buttons (2)

Press to increase or decrease the volume.

### 3 Right speaker

Provides audio output from your computer.

### 4 USB 2.0 port

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

### 5 Media-card reader

Reads from and writes to media cards.

### 6 Security-cable slot

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



## Base

Front

Left

Right

Base

Display



1 2 3

**1 Left-click area**

Press to left-click.

**2 Touch pad**

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

**3 Right-click area**

Press to right-click.



## Display



Front



Left



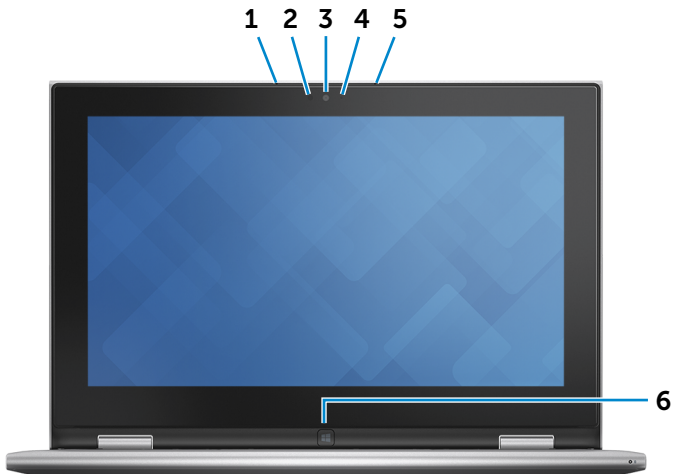
Right



Base



Display



**1 Left microphone**

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

**2 Ambient-light sensor**

Detects the ambient light and automatically adjusts the display brightness.

**3 Camera**

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

**4 Camera-status light**

Turns on when the camera is in use.

**5 Right microphone**

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

**6 Windows button**

Press to go to the Start screen.



# Modes

**Notebook**



**Tablet**



**Tablet Stand**



**Tent**





# Specifications

## Dimensions and weight

Height	19 mm (0.74 in)
Width	300 mm (11.81 in)
Depth	201 mm (7.91 in)
Weight (maximum)	1.41 kg (3.10 lb)

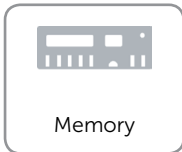
**NOTE:** The weight of your computer varies depending on the configuration ordered and the manufacturing variability.



Dimensions and weight



System information



Memory



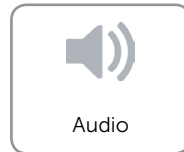
Ports and connectors



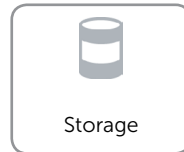
Communications



Video



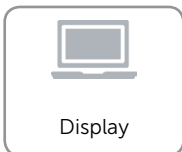
Audio



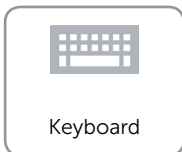
Storage



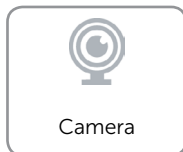
Media-card reader



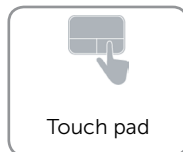
Display



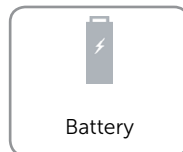
Keyboard



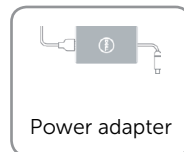
Camera



Touch pad



Battery



Power adapter



Computer environment

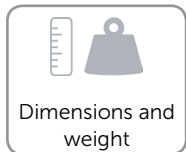




# Specifications

## System information

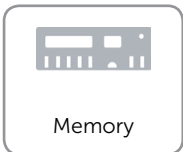
Computer model	Inspiron 11-3147
Processor	<ul style="list-style-type: none"><li>• Intel Pentium Quad Core</li><li>• Intel Celeron Dual Core</li></ul>
Chipset	Integrated in the processor



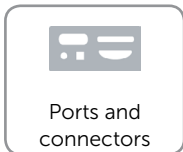
Dimensions and weight



System information



Memory



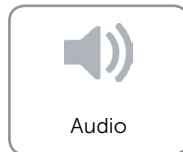
Ports and connectors



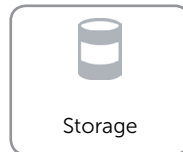
Communications



Video



Audio



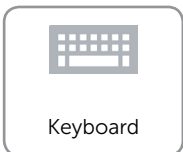
Storage



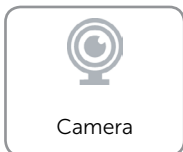
Media-card reader



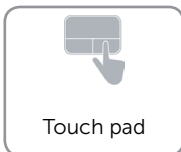
Display



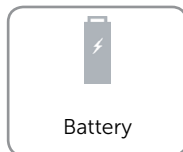
Keyboard



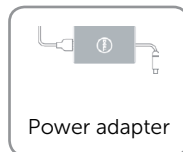
Camera



Touch pad



Battery



Power adapter



Computer environment



# Specifications

## Memory

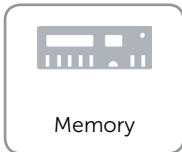
Slot	One SODIMM slot
Type	DDR3L
Speed	1333 MHz
Configurations supported	4 GB



Dimensions and weight



System information



Memory



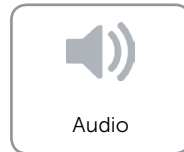
Ports and connectors



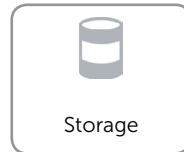
Communications



Video



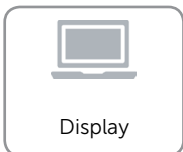
Audio



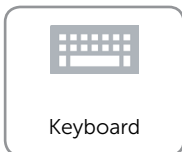
Storage



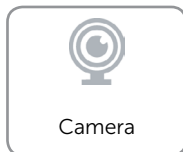
Media-card reader



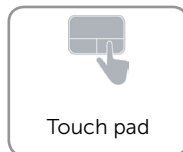
Display



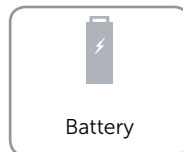
Keyboard



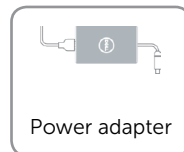
Camera



Touch pad



Battery



Power adapter



Computer environment



# Specifications

## Ports and connectors

### External:

#### USB

- Two USB 2.0 ports
- One USB 3.0 port

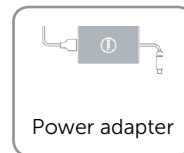
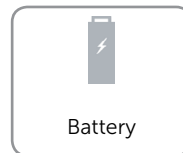
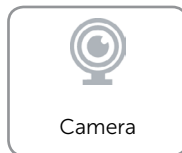
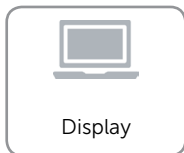
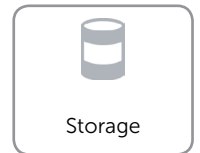
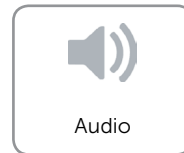
#### Audio/Video

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

### Internal:

#### M.2

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



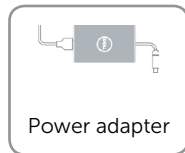
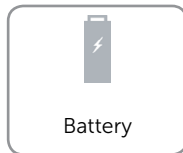
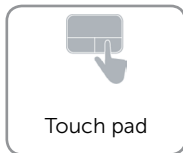
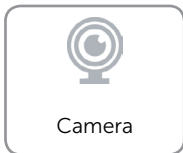
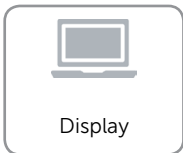
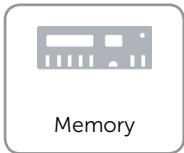
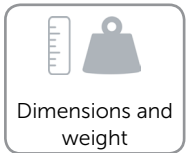


# Specifications

## Communications

### Wireless

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






# Specifications

## Video


Controller	Intel HD Graphics
Memory	Shared system memory



Dimensions and weight



System information



Memory




Ports and connectors



Communications



Video



Audio



Storage




Media-card reader




Display




Keyboard




Camera



Touch pad



Battery



Power adapter



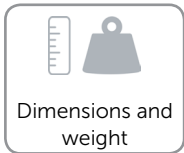
Computer environment



# Specifications

## Audio

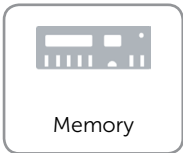
Controller	Realtek ALC3234 with Waves MaxxAudio
Speakers	Two
Speaker output:	
Average	2 W
Peak	2.5 W
Microphone	Digital-array microphones in camera assembly
Volume controls	Media-control shortcut keys and volume-control buttons.



Dimensions and weight



System information



Memory



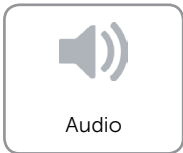
Ports and connectors



Communications



Video



Audio



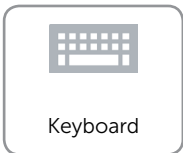
Storage



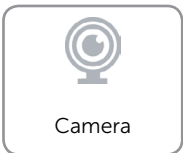
Media-card reader



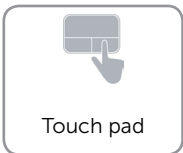
Display



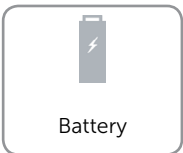
Keyboard



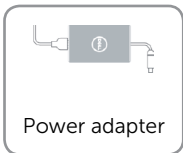
Camera



Touch pad



Battery



Power adapter




Computer environment



# Specifications

## Storage


Interface	SATA 3 Gbps
Hard drive	One 2.5-inch drive



Dimensions and weight



System information



Memory




Ports and connectors




Communications



Video




Audio




Storage




Media-card reader




Display




Keyboard




Camera



Touch pad



Battery



Power adapter



Computer environment



# Specifications

## Media-card reader


Type	One 2-in-1 slot
Cards supported	<ul style="list-style-type: none"><li>• SD card</li><li>• MultiMedia Card (MMC)</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

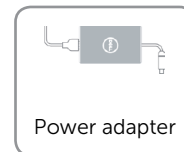
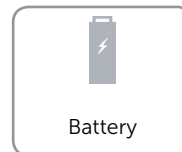
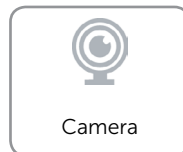
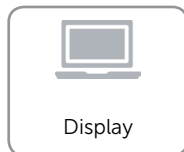
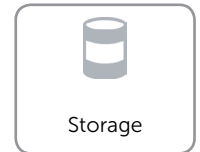
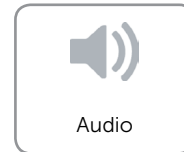
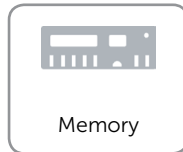




# Specifications

## Display

Type	11.6-inch HD WLED touch
Resolution (maximum)	1366 x 768
Dimensions:	
Height	143.81 mm (5.66 in)
Width	256.12 mm (10.08 in)
Diagonal	294.64 mm (11.60 in)
Refresh rate	60 Hz
Operating angle	0 degree (closed) to 360 degrees
Viewing angle	160 degrees
Pixel pitch	0.1875 mm
Controls	Brightness can be controlled using shortcut keys.

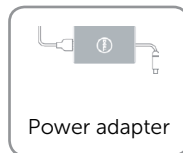
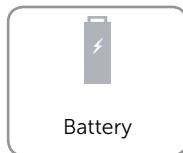
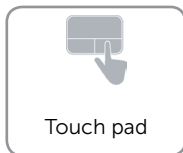
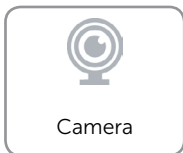
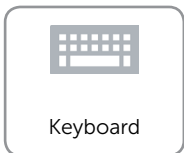
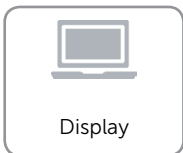
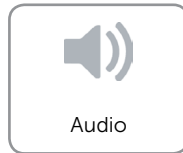
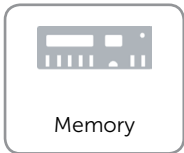
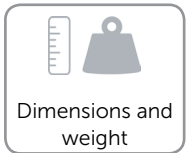




# Specifications

## Keyboard

Type	Chiclet keyboard
Shortcut keys	<p>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.</p> <p><b>NOTE:</b> You can define the primary behavior of the shortcut keys by changing <b>Function Key Behavior</b> in System Setup.</p>





# Specifications

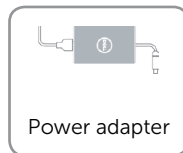
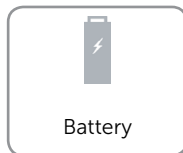
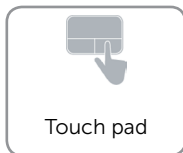
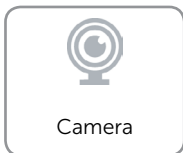
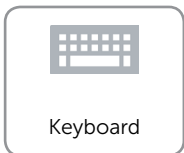
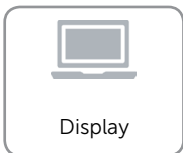
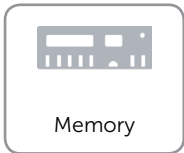
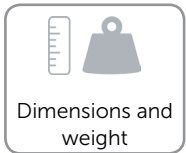
## Camera

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:

Width 102.40 mm (4.03 in)

Height 77.40 mm (3.04 in)



Dimensions and weight



System information



Memory



Ports and connectors



Communications



Video



Audio



Storage



Media-card reader



Display



Keyboard



Camera



Touch pad



Battery



Power adapter



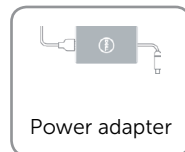
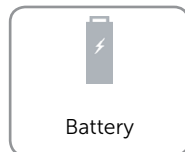
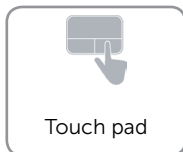
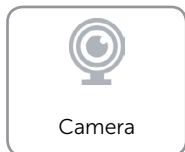
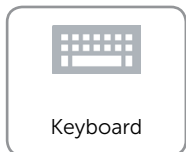
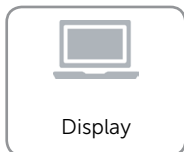
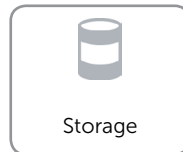
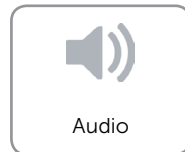
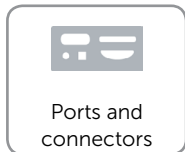
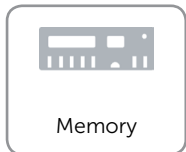
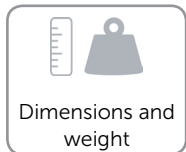
Computer environment



# Specifications

## Battery

Type	3 cell
Dimensions:	
Width	77.20 mm (3.04 in)
Depth	254 mm (10 in)
Height	6.80 mm (0.27 in)
Weight (maximum)	0.25 kg (0.55 lb)
Voltage	11.4 VDC
Charging time when the computer is off (approximate)	Within 4 hours
Operating time	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.
Life span (approximate)	300 discharge/charge cycles
Temperature range:	
Operating	0°C to 35°C (32°F to 95°F)
Storage	-40°C to 65°C (-40°F to 149°F)
Coin-cell battery	CR-2032





# Specifications

## Power adapter

Type	65 W
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current	1.60 A
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



Touch pad



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>
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.

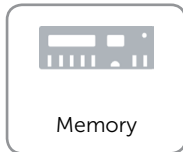
‡ Measured using a 2 ms half-sine pulse when the hard-drive head is in parked position.



Dimensions and weight



System information



Memory



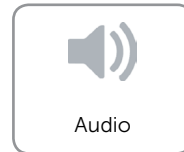
Ports and connectors



Communications



Video



Audio



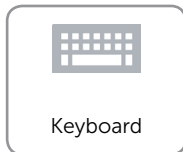
Storage



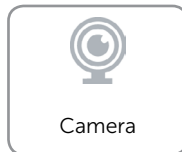
Media-card reader



Display



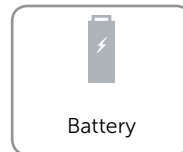
Keyboard



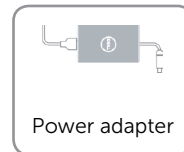
Camera



Touch pad



Battery



Power adapter



Computer environment