Inspiron 11
3000 Series

Views

Modes

Specifications

2015 - 01   Rev. A01

Regulatory model: P20T | Type: P20T002

Computer model: Inspiron 3148

NOTE: The images in this document may differ from your computer depending on the configuration you ordered.

Views

Front
Left
Right
Base
Display

Front

1

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.
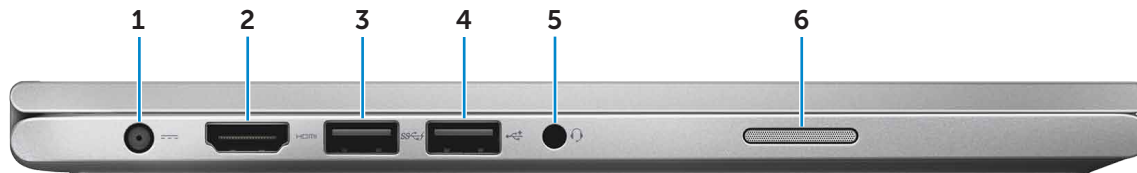
Views

Front

Left

Right

Base

Display

Left

1   2   3   4   5   6

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.

Views

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**.

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.

Views

Front

Left

Right

Base

Display

Base

1 Left-click area   2 Touch pad   3 Right-click area
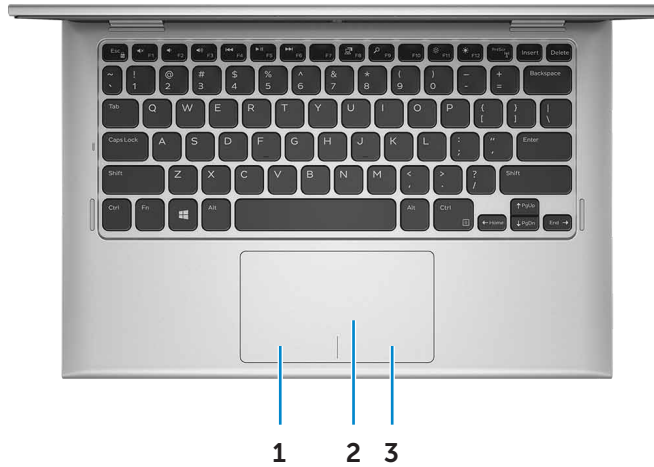
1   Left-click area

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.

Views

Front

Left

Right

Base

Display

Display

1 2 3 4 5

6
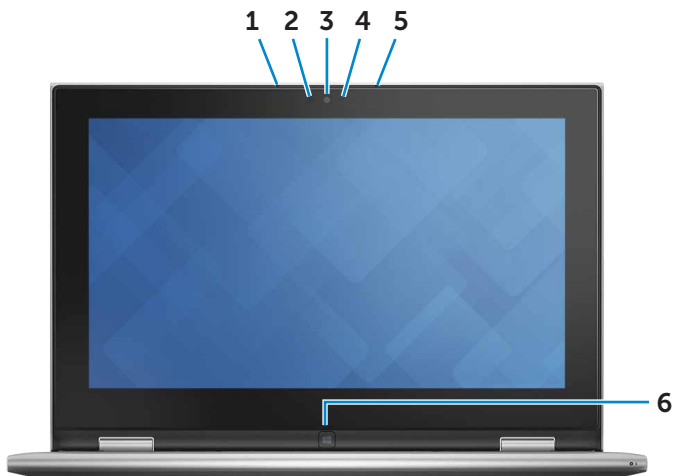
1   Left microphone

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.

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 (minimum)	1.40 kg (3.08 lb)
	NOTE: The weight of your computer varies depending on the configuration ordered and the manufacturing variability.

Dimensions and weight
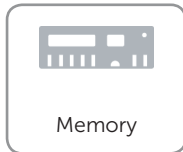
System information

Memory

Ports and connectors

Communications

Video
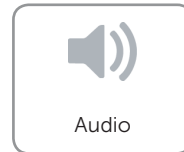
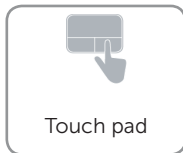Audio
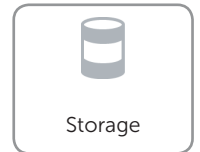
Storage

Media-card reader
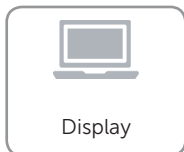
Display

Keyboard
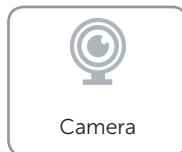
Camera

Touch pad
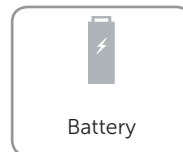
Battery
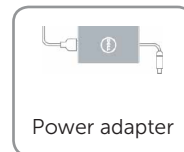
Power adapter
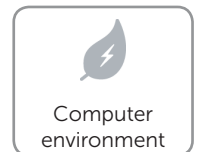
Computer environment

Specifications

System information

Computer model	Inspiron 3148
Processor	4th Generation Intel Core i3
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

Memory

Slot	One SODIMM slot
Type	DDR3L
Speed	1600 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
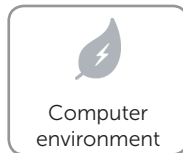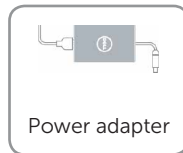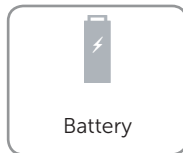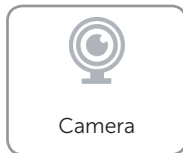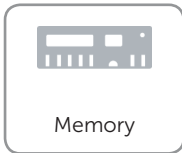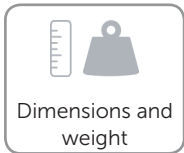
Ports and connectors

External:	
USB	• Two USB 2.0 ports • One USB 3.0 port
Audio/Video	• One HDMI port • One headphone and microphone combo (headset) port

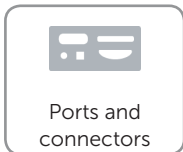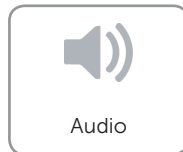| Internal:	
M.2	One M.2 card slot for Wi-Fi and Bluetooth combo card

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
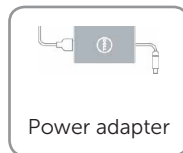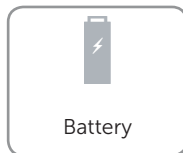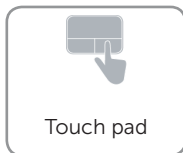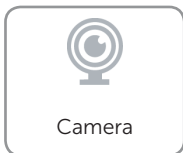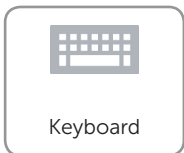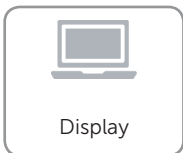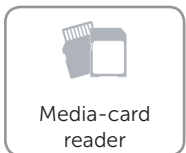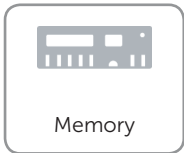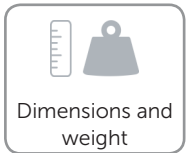
Communications

Wireless	• Wi-Fi 802.11b/g/n
	• Wi-Fi 802.11ac
	• Bluetooth 4.0
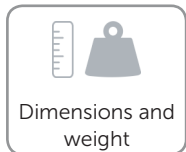
Dimensions and weight
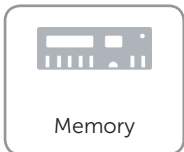
System information

Memory

Ports and connectors

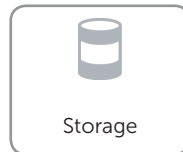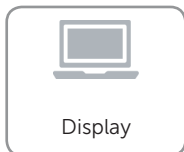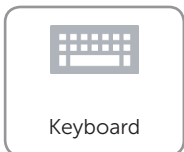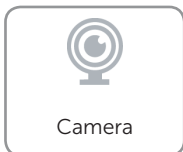Communications

Video

Audio

Storage

Media-card reader
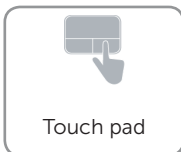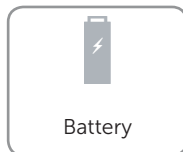
Display

Keyboard
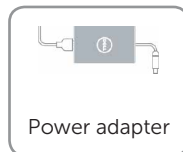
Camera

Touch pad

Battery

Power adapter

Computer environment

Specifications

Video

Controller	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

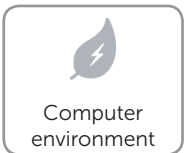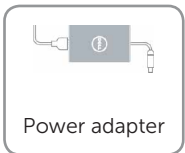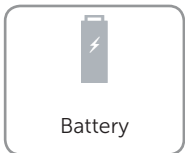Media-card reader

Display

Keyboard

Camera

Touch pad

Battery

Power adapter

Computer environment
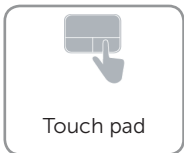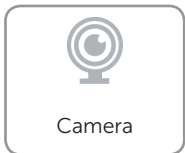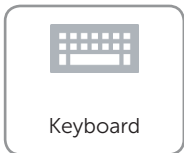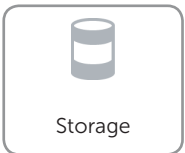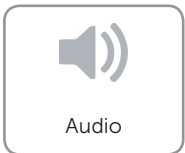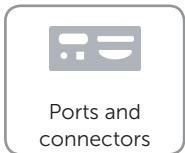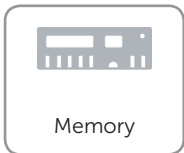
Storage

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
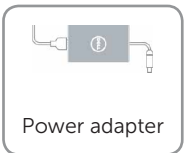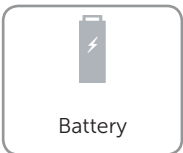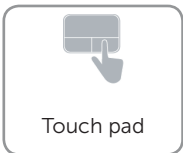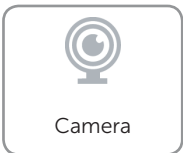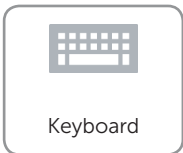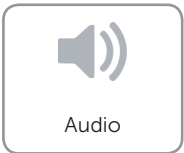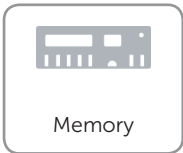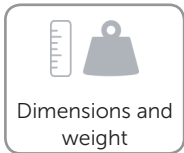
Specifications

Media-card reader

Type	One 2-in-1 slot
Cards supported	• SD card • MultiMedia Card (MMC)

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
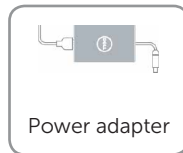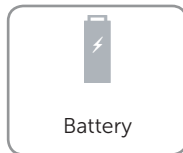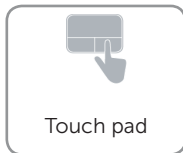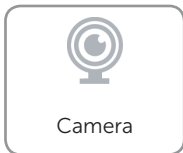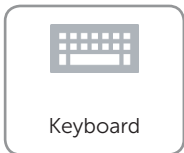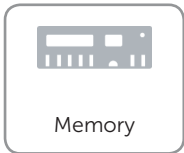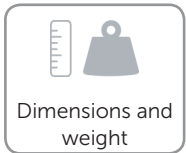
Specifications

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.

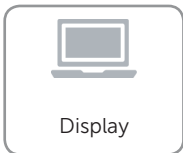Dimensions and weight | System information | Memory | Ports and connectors | Communications | Video | Audio | Storage

Media-card reader | Display | Keyboard | Camera | Touch pad | Battery | Power adapter | Computer environment
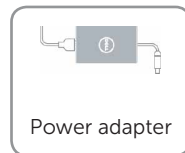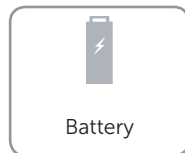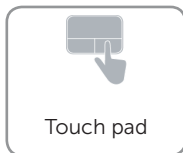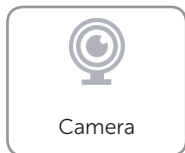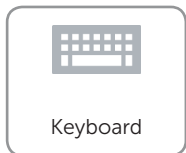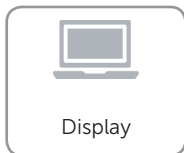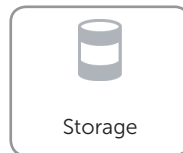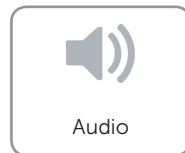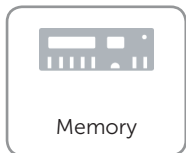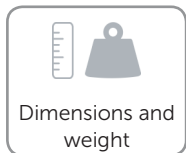
Specifications

Keyboard

Type	Chiclet keyboard
Shortcut keys	Some keys on your keyboard have two symbols on them. These keys can be used to type alternate characters or to perform secondary functions. To type the alternate character, press Shift and the desired key. To perform secondary functions, press Fn and the desired key.

NOTE: You can define the primary behavior of the function keys (F1–F12) by changing **Function Key Behavior** in BIOS setup program.

List of shortcut keys.
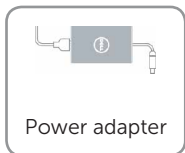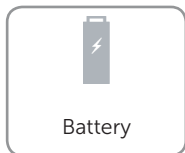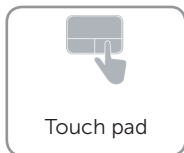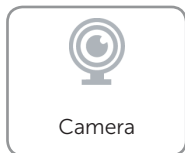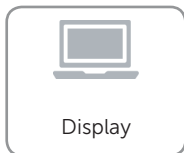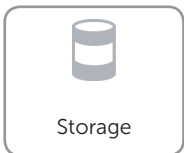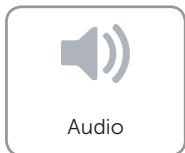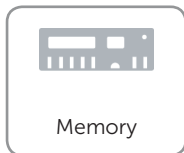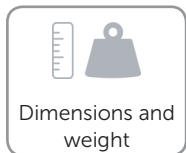
Dimensions and weight	System information	Memory	Ports and connectors	Communications	Video	Audio	Storage
Media-card reader	Display	Keyboard	Camera	Touch pad	Battery	Power adapter	Computer environment

Shortcut keys

Key	Function
F1	Mute audio
F2	Decrease volume
F3	Increase volume
F4	Play/Pause
F5	Open Search charm
F6	Open Share charm
F7	Open Devices charm
F8	Open Settings charm
F9	List recently-used apps
F10	Display active app menu-bar
F11	Decrease brightness
F12	Increase brightness

Key combination	Function
Fn + PrntScr	Turn off/on wireless
Fn + B	Pause/Break
Fn + Ctrl (Fn + Right Ctrl)	Shortcut/Secondary menu
Fn + Insert	Sleep
Fn + S	Scroll lock

Specifications

Camera

Resolution:	
Still image	0.92 megapixel
Video	1280 x 720 (HD) at 30 fps (maximum)
Diagonal viewing angle	74 degrees

Specifications

Touch pad

Resolution:	
Horizontal	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

Dimensions and weight	System information	Memory	Ports and connectors	Communications	Video	Audio	Storage
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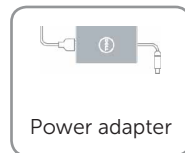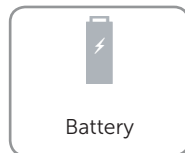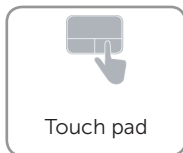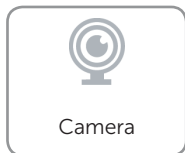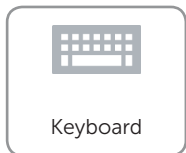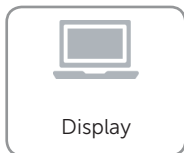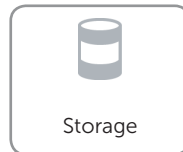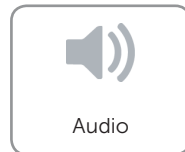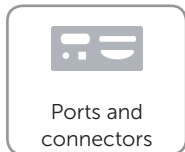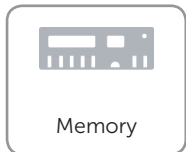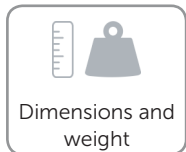
Specifications

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
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
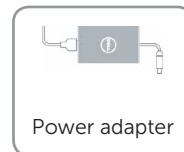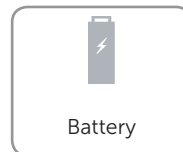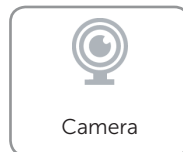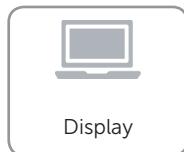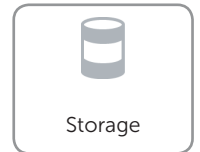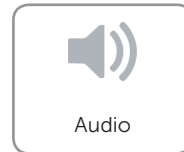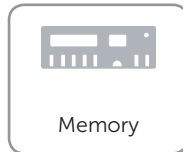
Specifications

Computer environment

Airborne contaminant level	G1 as defined by ISA-S71.04-1985	
	Operating	**Storage**
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†	160 G‡
Altitude (maximum)	−15.2 m to 3048 m (−50 ft to 10,000 ft)	−15.2 m to 10,668 m (−50 ft to 35,000 ft)

* Measured using a random vibration spectrum that simulates user environment.

† Measured using a 2 ms half-sine pulse when the hard drive is in use.

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

Dimensions and weight	System information	Memory	Ports and connectors	Communications	Video	Audio	Storage
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