DELL Inspiron 23

Views

Tilt and Transform

Specifications

2014 - 12   Rev. A01

Regulatory model: W07C | Type: W07C002

Computer model: Inspiron 2350

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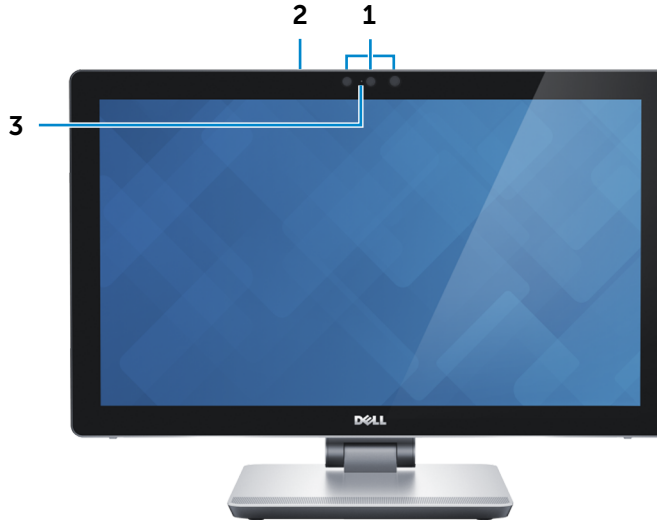
Views

Front
Left
Right
Back

Front

1 **Intel RealSense 3D Camera**

Allows to capture and stream three-dimensional images. Enables enhanced interactivity during video conferencing, online gaming, and so on.

OR

Camera

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

2 **Microphones (2)**

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

3 **Camera-status light**

Turns on when the camera is in use.

Views

Left

1 USB 3.0 ports (2)

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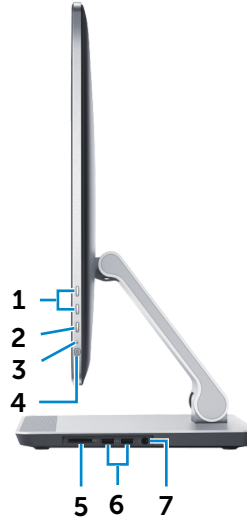
Right

Front

Left

Right

Back

1 **Brightness/Volume-control buttons (2)**

When not connected to an external input video device (PC mode), press to increase or decrease the brightness of the screen.

When connected to an external input video device (AV mode), press to increase or decrease the volume.

2 **Input source selection button/screen-off button**

Press and release to switch between the input source.

Press and hold to turn off the display.

3 **Hard-drive activity light**

Turns on when the computer reads from or writes to the hard drive.

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/suppor**t.

5 **Media-card reader**

Reads from and writes to media cards.

6 **USB 3.0 ports (2)**

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

7 **Headset port**

Connect a power adapter to provide power to your computer.

Views

Back

1   **Audio-out port**

Connect audio-output devices such as speakers, amplifiers, and so on.

2   **Network port**

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

3   **USB 2.0 ports (2)**

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

4   **HDMI-out port**

Connect a TV or other HDMI-in enabled devices. Provides video and audio output.

5   **HDMI-in port**

Connect a gaming console, Blu-ray player, or other HDMI-out enabled devices.

6   **Power-adapter port**

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

Front

Left

Right

Back

Tilt

5°

60°

Transform

Specifications

Dimensions and Weight

	Inspiron 2350 with Intel RealSense 3D Camera	Inspiron 2350	
Height	430.83 mm (16.96 in)	418.86 mm (16.49 in)	
Width	582.98 mm (22.95 in)	569.38 mm (22.42 in)	
Depth	240.96 mm (9.49 in)	241 mm (9.49 in)	
Weight (maximum):	**Touch only**	**Touch**	**Non-touch**
Without stand	8.06 kg (17.77 lb)	7.25 kg (15.98 lb)	6.24 kg (13.76 lb)
With stand	9.49 kg (20.92 lb)	8.63 kg (19.03 lb)	7.62 kg (16.80 lb)

NOTE: The weight of your computer varies depending on the configuration ordered and the manufacturing variability.
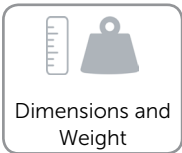
Dimensions and Weight
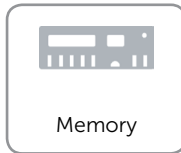
System Information

Memory

Ports and Connectors

Communications

Video

Audio

Storage

Media-Card Reader
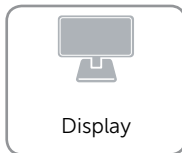
Display

Stand
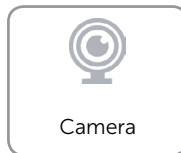
Camera
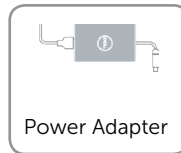
Power Adapter

Computer Environment

Specifications

System Information

Computer model	Inspiron 2350
Processor	• Intel Core i3 • Intel Core i5 • Intel Core i7
L2 cache	512 KB
L3 cache	Up to 6 MB
Chipset	Intel HM87

Dimensions and Weight

System Information

Memory

Ports and Connectors

Communications

Video

Audio

Storage

Media-Card Reader

Display

Stand

Camera

Power Adapter

Computer Environment
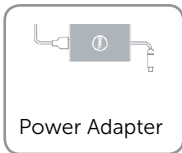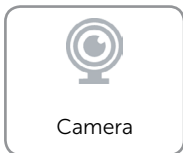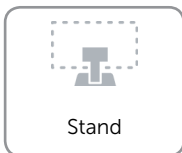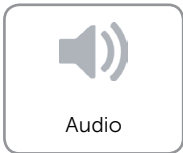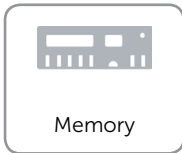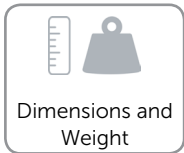
Specifications

Memory

Slot	Two SODIMM slots
Type	Dual-channel DDR3L
Speed	Up to 1600 MHz
Configurations supported	4 GB, 8 GB, 12 GB, and 16 GB

Dimensions and Weight	System Information	Memory	Ports and Connectors	Communications	Video	Audio	Storage
Media-Card Reader	Display	Stand	Camera	Power Adapter	Computer Environment		
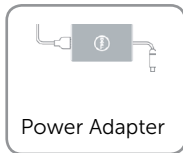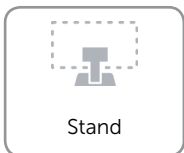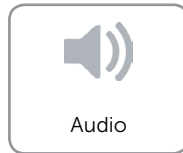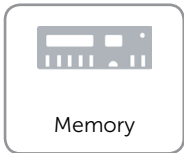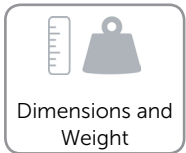
Specifications

Ports and Connectors

External:	
Network	One RJ45 port
USB	• Two USB 2.0 ports • Four USB 3.0 ports
Audio	• One headset port • One audio-out port
Video	• HDMI-in port • HDMI-out port
Internal:	
Mini Card	• One half mini card slot for WLAN and Bluetooth • One full-mini card slot for mSATA drive

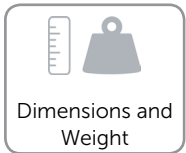|							
Dimensions and Weight	System Information	Memory	Ports and Connectors	Communications	Video	Audio	Storage
Media-Card Reader	Display	Stand	Camera	Power Adapter	Computer Environment		
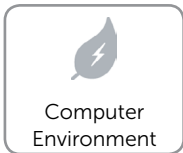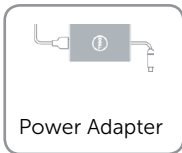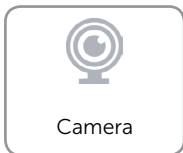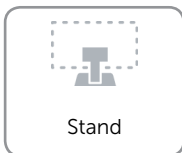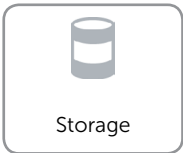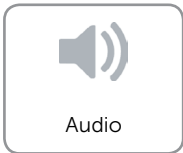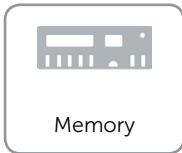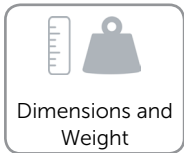
Communications

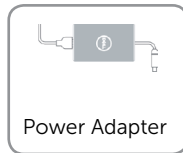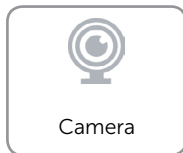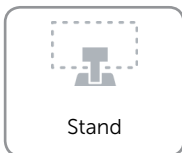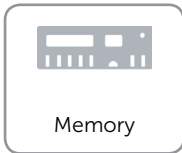| Ethernet	10/100/1000 Mbps Ethernet LAN integrated on system board
Wireless	• Wi-Fi 802.11b/g/n • Wi-Fi 802.11ac • Bluetooth 4.0 LE • Intel WiDi • Miracast (only on computers shipped with 802.11b/g/n wireless card)

Dimensions and Weight | System Information | Memory | Ports and Connectors | Communications | Video | Audio | Storage

Media-Card Reader | Display | Stand | Camera | Power Adapter | Computer Environment
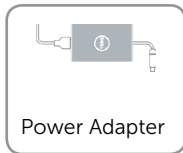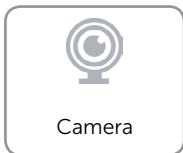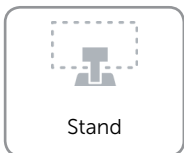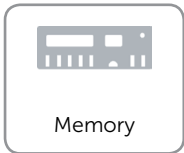
Video

Controller:	
Integrated	Intel HD Graphics 4600
Discrete	AMD Radeon HD 8690 A
Memory:	
Integrated	System shared memory
Discrete	2 GB GDDR5

Dimensions and Weight | System Information | Memory | Ports and Connectors | Communications | Video | Audio | Storage

Media-Card Reader | Display | Stand | Camera | Power Adapter | Computer Environment
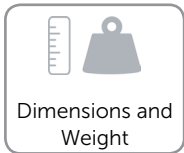
Specifications

Audio

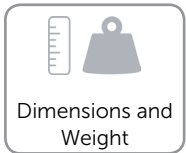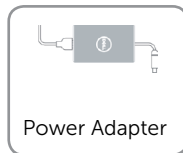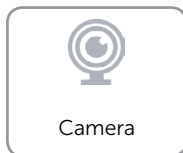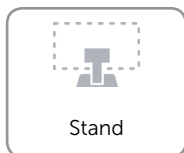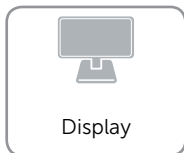|	
Controller	Realtek ALC290Q audio with Waves MaxxAudio 5
Speaker	Two 4-watt speakers
Microphone	Digital microphones in camera assembly
Volume controls	Program menus

Dimensions and Weight

System Information

Memory

Ports and Connectors

Communications

Video

Audio

Storage

Media-Card Reader

Display

Stand

Camera

Power Adapter

Computer Environment
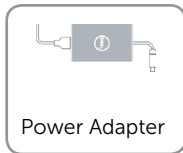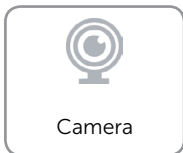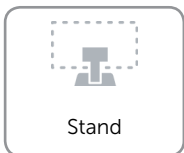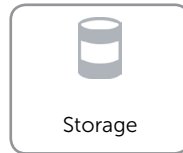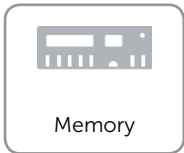
Storage

Interface	SATA 6 Gbps
Hard drive	One 2.5-in
mSATA	One mSATA card

Dimensions and Weight	System Information	Memory	Ports and Connectors	Communications	Video	Audio	Storage
Media-Card Reader	Display	Stand	Camera	Power Adapter	Computer Environment		
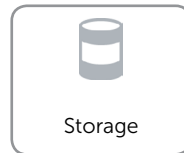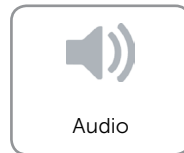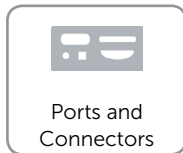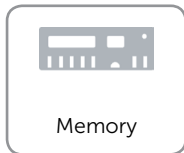
Specifications

Media-Card Reader

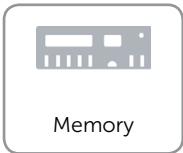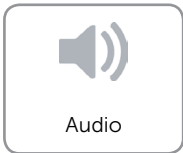| Type	One 8-in-1 slot
Cards supported	- SD card - SD Extended Capacity (SDXC) card - SD High Capacity (SDHC) card - MultiMediaCard (MMC) - Memory Stick (MS) - Memory Stick PRO - Memory Stick PRO-HG - Memory Stick XC
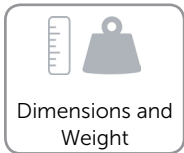
Dimensions and Weight | System Information | Memory | Ports and Connectors | Communications | Video | Audio | Storage
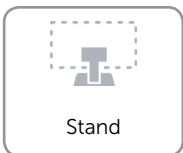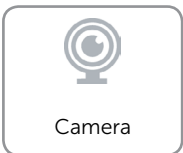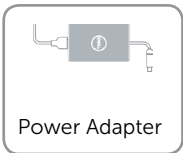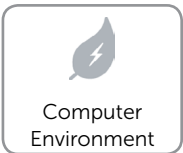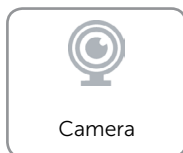
Media-Card Reader | Display | Stand | Camera | Power Adapter | Computer Environment

Specifications

Display

	Inspiron 2350 **with Intel RealSense 3D Camera**	Inspiron 2350
Type	23.8-inch full HD (Touch)	• 23-inch full HD (Touch) • 23-inch full HD (non touch)
Resolution (maximum)	1920 x 1080	1920 x 1080
Dimensions:		
Height	361.18 mm (14.22 in)	347.62 mm (13.69 in)
Width	582.98 mm (22.95 in)	569.38 mm (22.42 in)
Refresh rate	60 Hz	60 Hz
Viewing angle	178 degrees	178 degrees
Pixel pitch	0.2745 mm	0.2652 mm
Controls	Brightness can be controlled through the brightness-control buttons	

Dimensions and Weight

System Information

Memory

Ports and Connectors

Communications

Video

Audio

Storage

Media-Card Reader

Display

Stand

Camera

Power Adapter

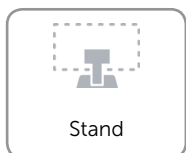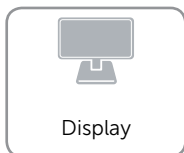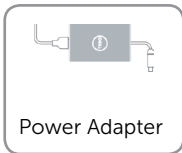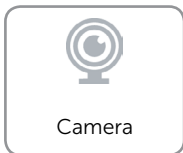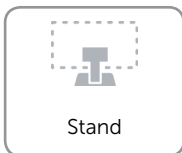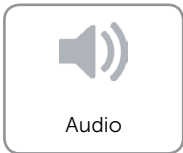Computer Environment
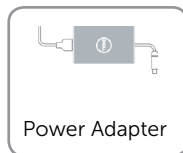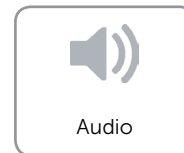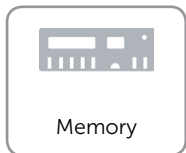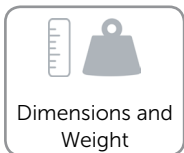
Specifications

Stand

Tilt	−5 to 90 degrees (flat)
Width	267.30 mm (10.52 in)
Depth	240.96 mm (9.49 in)
Weight:	
Basic	1.07 kg (2.36 lb)
Articulating	1.17 kg (2.58 lb)

Dimensions and Weight

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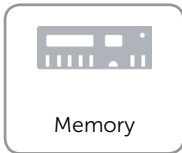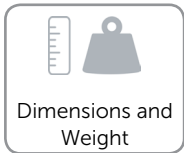
Specifications

Camera

|	Inspiron 2350 with Intel RealSense 3D Camera		Inspiron 2350
	Photo/Video	**Infrared**	**Photo/Video**
Resolution (maximum)	1920 x 1080 (FHD)	640 x 480 (VGA)	1920 x 1080 (FHD) with Skype certification
Aspect ratio	16:9	4:3	16:9
Diagonal viewing angle	77 degrees	90 degrees	66 degrees
Frame rate (varies with resolution)	30/60/120 fps	30/60/120 fps	30 fps
Field of view	77 x 43 x 70 degrees	90 x 59 x 73 degrees	N/A
Depth data types	N/A	Depth, texture mapping, infrared, and word mapping	N/A
Still image	2 megapixels		2 megapixels
Effective range	0.20 m–1.20 m		N/A
Effective range for gestures	• 20 cm–55 cm (FHD) • 20 cm–60 cm (VGA)		N/A
Effective range for face tracking	• 2D face tracking: 35 cm–120 cm • 3D face tracking: 35 cm–70 cm		N/A

Dimensions and Weight
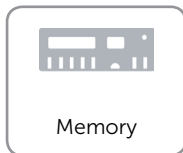
System Information
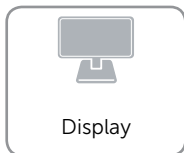
Memory

Ports and Connectors
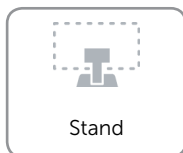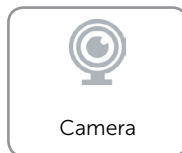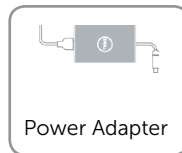
Communications

Video
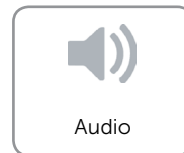
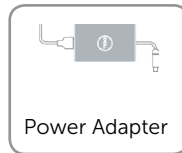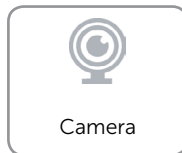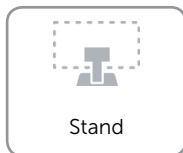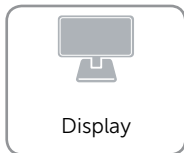Audio

Storage

Media-Card Reader

Display

Stand

Camera

Power Adapter

Computer Environment

Specifications

Power Adapter

Type:	• 150 W • 180 W
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current	2.50 A
Output current (continuous):	
150 W	7.70 A
180 W	9.93 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

Stand

Camera

Power Adapter

Computer Environment
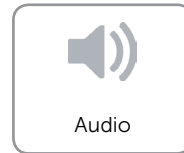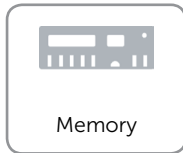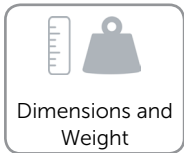
Specifications

Computer Environment

	Operating	Storage
Airborne contaminant level	G1 as defined by ISA-S71.04-1985	
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.

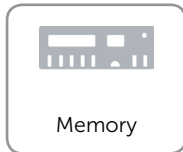† Measured using a 2 ms half-sine pulse when the hard drive is in use.

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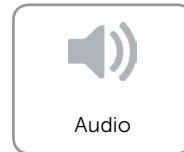
Dimensions and Weight

System Information
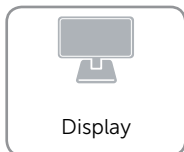
Memory

Ports and Connectors
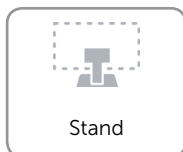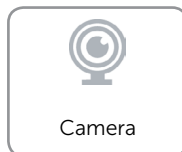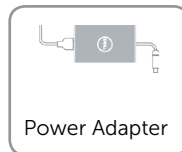
Communications

Video

Audio

Storage

Media-Card Reader

Display

Stand

Camera

Power Adapter

Computer Environment