Inspiron 15

3000 Series

Views

Specifications

2015 - 12   Rev. A00

Regulatory model: P47F | Type: P47F003

Computer model: Inspiron 15-3552

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 and battery-status light/hard-drive activity light

Indicates the battery-charge status or the hard-drive activity.

NOTE: Press Fn+H to toggle this light between battery-status light and hard-drive activity light.

Hard-drive activity light

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

Battery-status light

Indicates the battery status.

Solid white	Power adapter is connected and the battery has more than 5% charge.
Solid yellow	Computer is running on battery and the battery has less than 5% charge.
Off	• Power adapter is connected and the battery is fully charged. • Computer is running on battery and the battery has more than 5% charge. • Computer is in sleep state, hibernation, or turned off.

Views

Left

Front

Left

Right

Base

Display

| 1 | | 2 | 3 | 4 |

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

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

4   Media-card reader

Reads from and writes to media cards.

Views

Front

Left

Right

Base

Display

Right
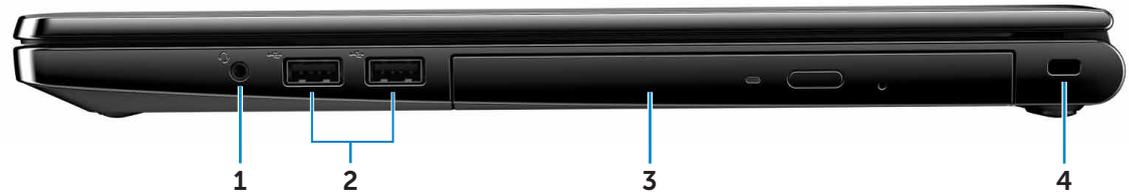
1   **Headset port**

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

2   **USB 2.0 ports (2)**

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

3   **Optical drive**

Reads from and writes to CDs and DVDs.

4   **Security-cable slot**

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

Views

Base

Front

Left

Right

Base

Display

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.

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 behavior in Power Options. For more information, see *Me and My Dell* at **www.dell.com/support**.

Views

Front

Left

Right

Base

Display

Display

1   Camera

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

2   Camera-status light

Turns on when the camera is in use.

3   Microphone

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

Dimensions and weight

Height	23.65 mm (0.93 in)
Width	380 mm (14.96 in)
Depth	260.30 mm (10.25 in)
Weight (maximum)	2.19 kg (4.83 lb) **NOTE**: The weight of your laptop varies depending on the configuration ordered and manufacturing variability.
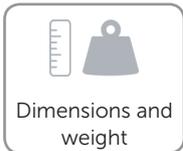
Dimensions and weight
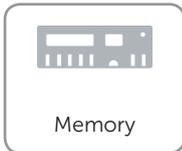
System information

Memory

Ports and connectors

Communications

Video

Audio

Storage

Media-card reader

Display

Keyboard
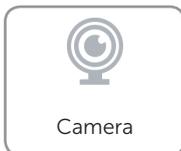
Camera

Touch pad

Battery
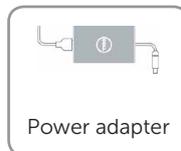
Power adapter

Computer environment

Specifications

System information

Computer model	Inspiron 15-3552
Processor	• Intel Celeron • Intel Pentium
Chipset	Integrated in processor

Dimensions and weight
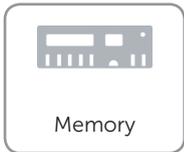
System information

Memory

Ports and connectors

Communications

Video

Audio

Storage

Media-card reader

Display
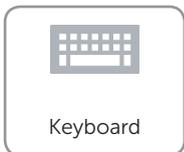
Keyboard
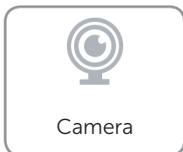
Camera

Touch pad

Battery
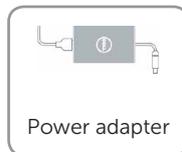
Power adapter

Computer environment

Memory

Slot	One SODIMM slot
Type	DDR3L
Speed	1600 MHz
Configurations supported	2 GB and 4 GB

Dimensions and weight
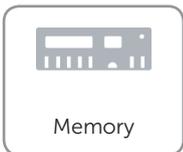
System information

Memory

Ports and connectors

Communications
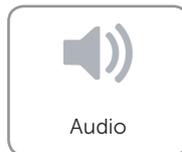
Video

Audio

Storage

Media-card reader
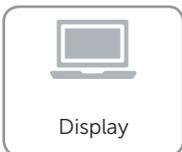
Display
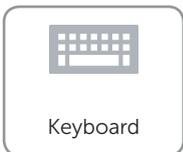
Keyboard
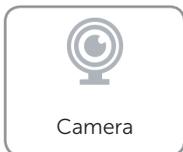
Camera

Touch pad
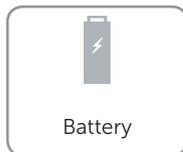
Battery
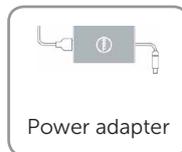
Power adapter

Computer environment

Ports and connectors

External:	
USB	• Two USB 2.0 ports • One USB 3.0 port
Audio/Video	• One HDMI port • One headset port

Internal:	
M.2	One M.2 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
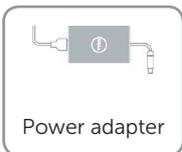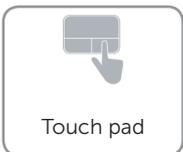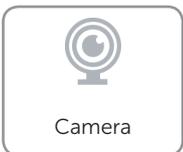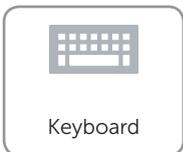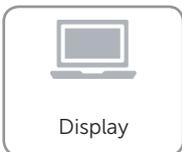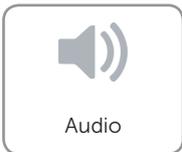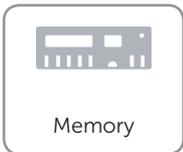
Communications

Wireless	• Wi-Fi 802.11ac
	• Wi-Fi 802.11b/g/n
	• Bluetooth 4.0
	• Intel WiDi

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
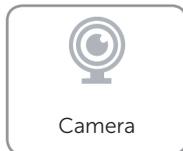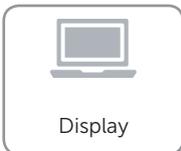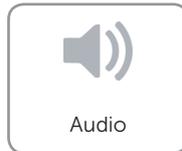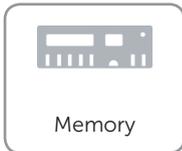
Specifications

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

Audio

Controller	Realtek ALC3234 with Waves MaxxAudio
Speakers	Two
Speaker output:	
Average	2 W
Peak	2.5 W
Microphone	Single digital microphone in the camera assembly
Volume controls	Media-control shortcut keys

Dimensions and weight | System information | Memory | Ports and connectors | Communications | Video | Audio | Storage
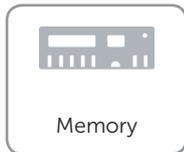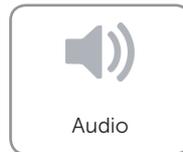
Media-card reader | Display | Keyboard | Camera | Touch pad | Battery | Power adapter | Computer environment
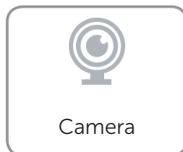
Specifications

Storage

Hard drive:	
Type	One 2.5-inch drive
Interface	SATA 6 Gbps
Optical drive:	
Type	One 9.5-mm DVD +/- RW drive
Interface	SATA 1.5 Gbps

Dimensions and weight

System information

Memory

Ports and connectors

Communications

Video

Audio

Storage

Media-card reader

Display

Keyboard

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Touch pad

Battery

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Computer environment
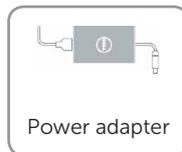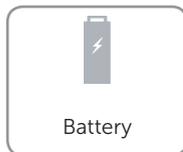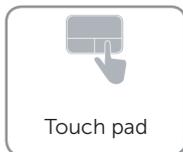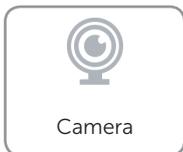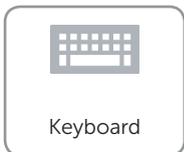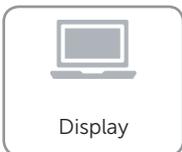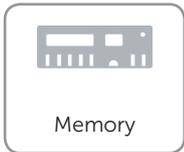
Media-card reader

Type	One SD card slot

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	• 15.6-inch with Truelife touch screen
	• 15.6-inch with Truelife non-touch screen
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)
Pixel pitch	0.2520 mm
Refresh rate	60 Hz
Operating angle	0 degrees (closed) to 135 degrees
Viewing angle	160 degrees
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
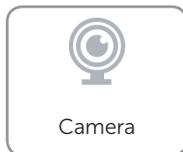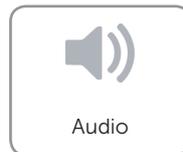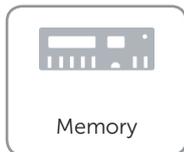
Specifications

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 change the behavior of the shortcut keys by pressing Fn+Esc or by changing **Function Key Behavior** in System Setup.
	List of shortcut keys.

Dimensions and weight

System information

Memory

Ports and connectors

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Computer environment

Shortcut keys

Key	Action
F1 ◀×	Mute audio
F2 ◀)	Decrease volume
F3 ◀))	Increase volume
F4 ◀◀	Play previous track/chapter
F5 ▶❚❚	Play/Pause
F6 ▶▶❙	Play next track/chapter
F8	Switch to external display
F9 🔍	Search
F11 ☀	Decrease brightness
F12 ☀	Increase brightness

Keys	Action
Fn + Esc 🔒Fn	Toggle Fn-key lock
Fn + PrtScr	Turn off/on wireless
Fn + Ctrl	Open application menu
Fn + Insert	Sleep
Fn + B	Pause/Break
Fn + H	Toggle between battery-status light/hard-drive activity light
Fn + R	System request
Fn + S	Toggle Scroll Lock

Specifications

Camera

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

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

Touch pad

Resolution:	
Horizontal	2040
Vertical	1240
Dimensions:	
Width	105 mm (4.13 in)
Height	65 mm (2.56 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
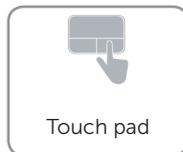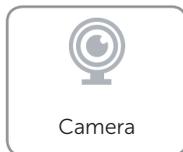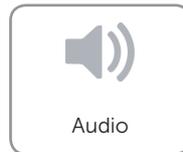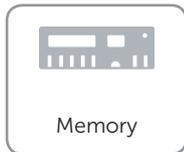
Specifications

Battery

Type	• 4-cell 40 WHr smart lithium • 4-cell 47 WHr smart lithium
Dimensions:	
Height	20 mm (0.79 in)
Width	270 mm (10.63 in)
Depth	37.50 mm (1.48 in)
Weight (maximum):	
40 WHr	0.250 kg (0.551 lb)
47 WHr	0.255 kg (0.562 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

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
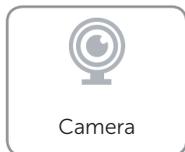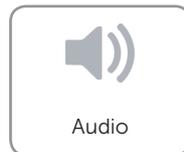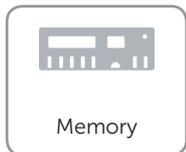
Specifications

Power adapter

Type	45 W
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current	1.30 A
Output current	2.31 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
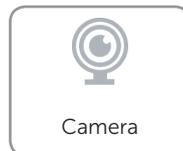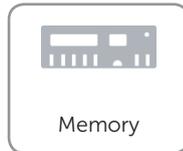
Computer environment

	Operating	Storage
Airborne contaminant level	G1 as defined by ISA-S71.04-1985	
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†	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	Keyboard	Camera	Touch pad	Battery	Power adapter	Computer environment