



Inspiron 15

7000 Series



Views

Specifications

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2015 - 10 Rev. A01

Regulatory model: P57F | Type: P57F002

Computer model: Inspiron 15-7559

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



Front



Left



Right

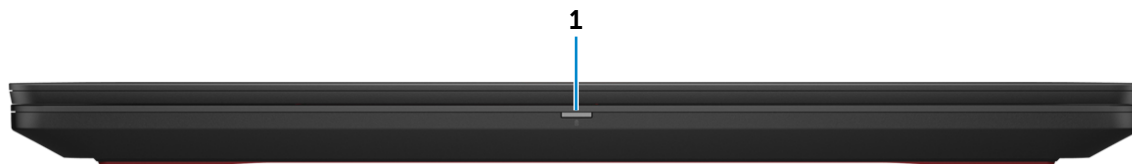


Base



Display

Front



1 Power and battery-status light

Indicates the power 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 and the battery has sufficient charge.



Front



Left



Right

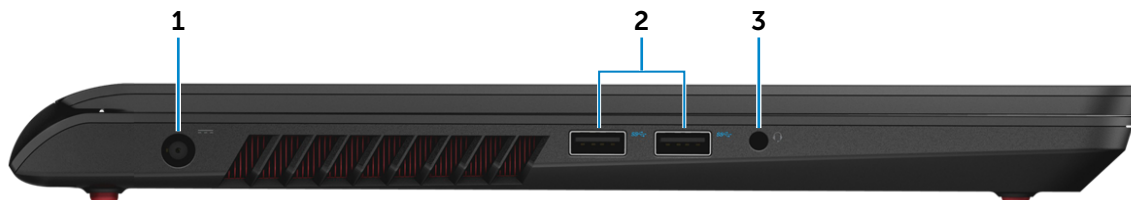


Base



Display

Left



1 Power-adaptor port

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

2 USB 3.0 ports (2)

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

3 Headset port

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



Front



Left



Right

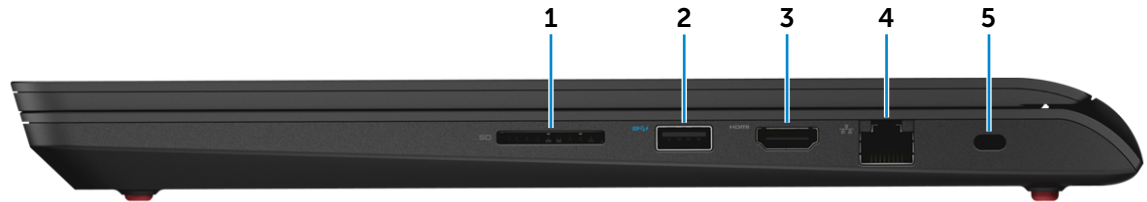


Base



Display

Right



1 Media-card reader

Reads from and writes to media cards.

2 USB 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.

3 HDMI port

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

4 Network port

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

5 Security-cable slot

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



Views



Front



Left



Right

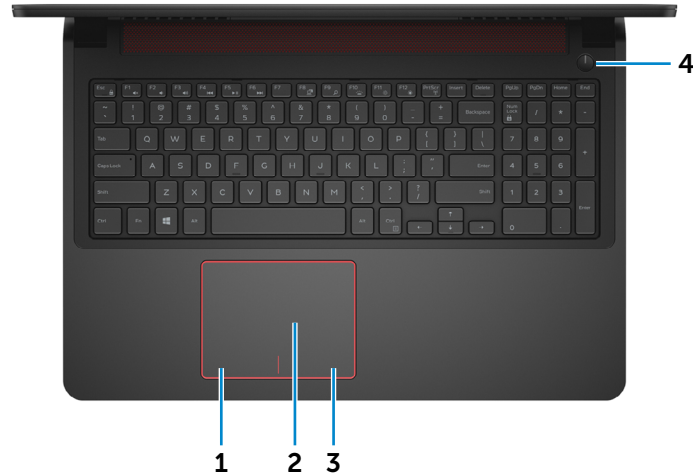


Base



Display

Base



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 and tap with two fingers to right-click.

3 Right-click area

Press to right-click.

4 Power button

Press to turn on the computer if it is turned off, in hibernation, 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.

The power button light indicates the following:

Solid white—Computer is powered on

Off—Computer is in hibernation or powered off

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



Front



Left



Right



Base



Display

Display



1 Left microphone

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

2 Camera-status light

Turns on when the camera is in use.

3 Camera

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

4 Right microphone

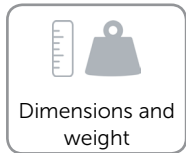
Provides high-quality digital sound input for audio recording, voice calls, and so on.



Specifications

Dimensions and weight

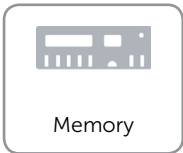
Height	25.30 mm (1 in)
Width	383 mm (15.08 in)
Depth	265 mm (10.43 in)
Weight (minimum)	2.58 kg (5.68 lb)
NOTE: The weight of your laptop varies depending on the configuration ordered and the manufacturing variability.	



Dimensions and weight



System information



Memory



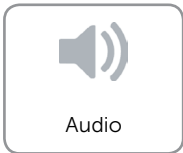
Ports and connectors



Communications



Video



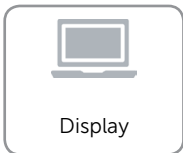
Audio



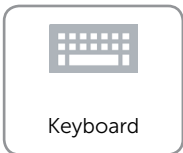
Storage



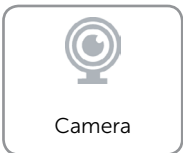
Media-card reader



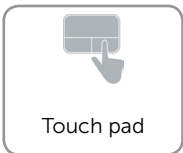
Display



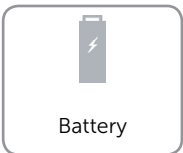
Keyboard



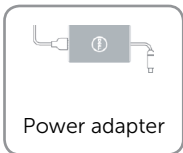
Camera



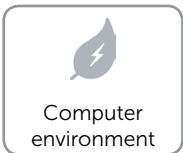
Touch pad



Battery



Power adapter



Computer environment



Specifications

System information

Computer model	Inspiron 15-7559
Processor	6 th Generation Intel Quad Core i5 6 th Generation Intel Quad Core i7
Chipset	Intel HM170 Express



Dimensions and
weight



System
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Memory



Ports and
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Communications



Video



Audio



Storage



Media-card
reader



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Keyboard



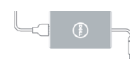
Camera



Touch pad



Battery



Power adapter



Computer
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Specifications

Memory

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



Dimensions and weight



System information



Memory



Ports and connectors



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Computer environment



Specifications

Ports and connectors

External:

Network	One RJ45 port
USB	• Two USB 3.0 ports • One USB 3.0 port with PowerShare
Audio/video	• One HDMI port • One headset port

Internal:

Mini-card	• One M.2 card slot for Wi-Fi card • One M.2 card slot for SSD card
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Dimensions and weight



System information



Memory



Ports and connectors



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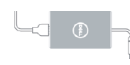
Camera



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Computer environment



Specifications

Communications

Ethernet	10/100/1000 Mbps Ethernet controller integrated on system board
Wireless	• Wi-Fi 802.11 ac • Bluetooth 4.0 • WiDi



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Specifications

Video

Controller:	
Integrated	Intel HD Graphics 530
Discrete	NVIDIA GeForce GTX 960M
Memory:	
Integrated	Shared system memory
Discrete	4 GB GDDR5



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Specifications

Audio

Controller	Realtek ALC3246 with Waves MaxxAudio Pro
Speakers	Two
Subwoofer	One
Speaker output:	
Average	2 W
Peak	2.5 W
Microphone	Digital array-microphones
Volume controls	Media-control shortcut keys



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Specifications

Storage

Interface	SATA 6 Gbps
Hard drive	One 2.5-inch drive
Solid state drive	One M.2 drive



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Specifications

Media-card reader

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



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Specifications

Display

Type	• 15.6-inch HD non-touch screen • 15.6-inch FHD non-touch screen • 15.6-inch UHD touch screen		
Dimensions:			
Height	193.75 mm (7.62 in)		
Width	344.45 mm (13.56 in)		
Diagonal	396.24 mm (15.60 in)		
Resolution (maximum):	HD non-touch screen	FHD non-touch screen	UHD touch screen
	1366 x 768	1920 x 1080	3840 x 2160
Pixel pitch	0.252 mm	0.17925 mm	0.0897 mm
Refresh rate	60 Hz		
Operating angle	0 degrees (closed) to 135 degrees		
Controls	Brightness can be controlled using shortcut keys		



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Specifications

Keyboard

Type

- Standard keyboard
- Backlit keyboard — optional

Shortcut keys

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

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

[List of shortcut keys.](#)



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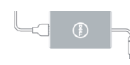
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Shortcut keys

	Mute audio		+		Turn off/on wireless
	Decrease volume		+		Pause/Break
	Increase volume		+		Toggle between battery-status light/ hard-drive activity light
	Play previous track/chapter		+		Sleep
	Play/Pause		+		Toggle Scroll lock
	Play next track/chapter		+		Toggle Fn-key lock
	Switch to external display				
	Search				
	Toggle keyboard backlight				
	Decrease brightness				
	Increase brightness				



Specifications

Camera

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



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Specifications

Touch pad

Resolution:

Horizontal 800 dpi

Vertical 800 dpi

Dimensions:

Width 105 mm (4.13 in)

Height 80 mm (3.14 in)



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Specifications

Battery

Type	6-cell "smart" lithium ion (74 WHr)
Dimensions:	
Width	177.80 mm (7 in)
Depth	87.85 mm (3.46 in)
Height	11.30 mm (0.44 in)
Weight (maximum)	0.35 kg (0.77 lb)
Voltage	11.10 VDC
Charging time when the computer is off (approximate)	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



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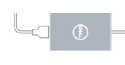
Camera



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Power adapter



Computer environment



Specifications

Power adapter

Type	130 W
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current (maximum)	2.50 A
Output current (maximum)	6.70 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)



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Specifications

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



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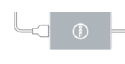
Camera



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