



Views

Specifications

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2015 - 09 Rev. A00 Regulatory model: P28E | Type: P28E004 Computer model: Inspiron 17-5759





Right



Base



Display

1 Power and battery-status light/hard-drive activity light

Indicates the power state and battery state of the computer.

White light – Power adapter is connected and the battery is fully charged.

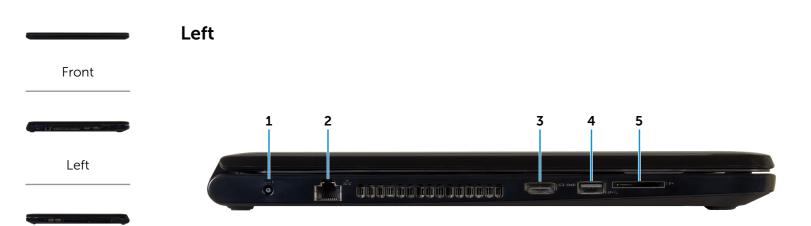
Solid yellow light – Battery charge is low or critical.

Blinking yellow light – Battery charge is critical.

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

Press Fn+H to toggle between power and battery-status light/hard-drive activity light





Right



Base



Display

1 Power-adapter port

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

2 Network port

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

The two lights next to the port indicate the connectivity status and network activity.

3 HDMI port

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

4 USB 3.0 port

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

5 Media-card reader

Reads from and writes to media cards.



Right

Left

Front



Right



Base



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.

Display



Base



Right

Front

Left

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



Display



Right

Front

Left



Base



1 Left microphone

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

2 Camera

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

3 Camera-status light

Turns on when the camera is in use.

4 Right microphone

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

Display

Dimensions and weight

Height:	
Touch	29.20 mm (1.15 in)
Non-touch	27 mm (1.06 in)
Width	416.90 mm (16.41 in)
Depth	283.20 mm (11.15 in)
Weight (maximum):	
Touch	3.34 kg (7.36 lb)
Non-touch	2.82 kg (6.22 lb)
	NOTE : The weight of your laptop varies depending on the configuration ordered and manufacturing variability.



System information

Computer model	Inspiron 17-5759
Processor	 6th generation Intel Core i3 Processor 6th generation Intel Core i5 Processor
	6 th generation Intel Core i7 Processor
Chipset	Integrated in processor





Memory

Slot	Two SODIMM slots
Туре	DDR3L
Speed	1600 MHz
Configurations supported	4 GB, 6 GB, 8 GB, 12 GB, and 16 GB



Ports and connectors

External:	
Network	One RJ45 port
USB	Two USB 2.0 portsOne USB 3.0 port
Audio/video	One HDMI portOne headset (headphone and microphone combo) port
Internal:	
Mini-card	One NGFF card slot for Wi-Fi and Bluetooth combo card



Communications

Ethernet

Wireless

10/100 Mbps Ethernet controller integrated on system board

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





Video

Controller:		
Integrated	Intel HD Graphics 520	
Discrete	AMD Radeon R5 M335	
Memory:		
Integrated	Shared system memory	
Discrete	Up to 4 GB DDR3L	





Audio

Controller	Realtek ALC3234 with Waves MaxxAudio Pro
Speakers	Two
Speaker output:	
Average	2 W
Peak	2.2 W
Microphone	Digital array-microphones
Volume controls	Media-control shortcut keys





Storage

Interface	SATA 6 Gbps
Hard drive	One 2.5-inch drive (supports Intel Smart Response Technology)
Optical drive (optional)	One 9.5 mm DVD+/-RW drive





Media-card reader

Туре

SD card slot





Display

Туре	 17.3-inch FHD WLED touch screen 17.3-inch HD+ WLED 17.3-inch FHD WLED 	
Resolution (maximum)	 FHD - 1920 x 1080 HD+ - 1600 x 900 	
Pixel pitch	 FHD – 0.1989 mm HD+ – 0.23868 mm 	
Dimensions:		
Height	233.30 mm (9.18 in)	
Width	398.60 mm (15.69 in)	
Diagonal	439.42 mm (17.30 in)	
Refresh rate	60 Hz	
Operating angle	0 degrees (closed) to 135 degrees	
Controls	Brightness can be controlled using shortcut keys.	





Keyboard

Туре	Standard keyboardBacklit 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.



Keyboard

Shortcut keys

F1	Mute audio	Fn + PrtScr	Turn off/on wireless
F2	Decrease volume	Fn + H	Toggle between power and battery-status light/hard-drive activity light
(F3 ◀))	Increase volume	Fn + Insert	Sleep
F4	Play previous track/chapter	Fn + Esc	Toggle Fn-key lock
F5 ► II	Play/Pause	Fn + Ctrl	Open application menu
F6	Play next track/chapter		Pause/Break
F8	Switch to external display	Fn + R	System request
F9 \$	Search	Fn + S	Toggle scroll lock
F10 当	Toggle keyboard backlight		
F11 	Decrease brightness		
F12	Increase brightness		



Camera

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





Touch pad

Resolution:		
Horizontal	2189 dpi	
Vertical	2417 dpi	
Dimensions:		
Width	105 mm (4.13 in)	
Height	80 mm (3.15 in)	





Battery

Туре	 4 cell "smart" lithium ion 40 WHr 4 cell "smart" lithium ion 47 WHr
Dimensions:	
Width	270 mm (10.63 in)
Depth	37.50 mm (1.47 in)
Height	20 mm (0.78 in)
Weight (maximum)	 40 WHr — 0.25 kg (0.55 lb) 47 WHr — 0.26 kg (0.56 lb)
Voltage	14.8 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
Dimensions and weight System	Memory Ports and connectors Communications Video Audio Storage
Media-card reader Display	Keyboard Camera Touch pad Battery Power adapter Computer environment



Power adapter

Туре	• 45 W
	• 65 W
Input voltage	100 VAC-240 VAC
Input frequency	50 Hz-60 Hz
Input current:	
45 W	1.30 A
65 W	1.60 A/1.70 A
Output current:	
45 W	2.31 A
65 W	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)



Computer environment

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.

