



Inspiron 17

5000 Series



[Views](#)

[Specifications](#)

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2015 - 12 Rev. A01

Regulatory model: P28E | Type: P28E002

Computer model: Inspiron 17-5755

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/hard-drive activity light

 **NOTE:** Press Fn+H to toggle this light between power and 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.

Power and battery-status light

Indicates the power and battery-charge status.

- | | |
|-------------|--|
| Solid white | Power adapter is connected and the battery has more than 5% charge. |
| Amber | Computer is running on battery and the battery has less than 5% charge. |
| Off | <ul style="list-style-type: none">• 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. |



Front



Left



Right



Base



Display

Left



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.

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.



Front



Left



Right

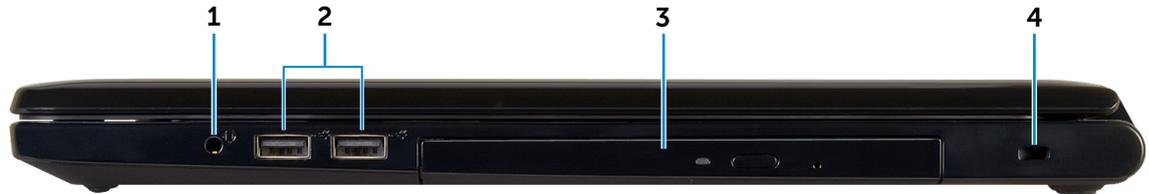


Base



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.



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



Display



Front



Left



Right



Base



Display



1 Left microphone

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

2 Camera

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

3 Camera-status light

Turns on when the camera is in use.

4 Right microphone

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



Specifications

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)

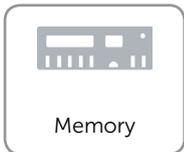
NOTE: The weight of your laptop varies depending on the configuration ordered and the manufacturing variability.



Dimensions and weight



System information



Memory



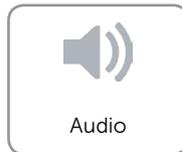
Ports and connectors



Communications



Video



Audio



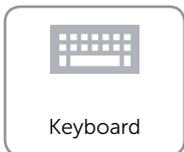
Storage



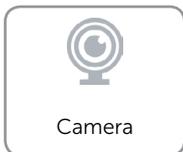
Media-card reader



Display



Keyboard



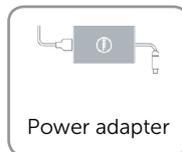
Camera



Touch pad



Battery



Power adapter



Computer environment



Specifications

System information

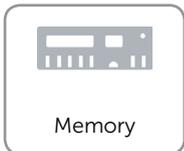
Computer model	Inspiron 17-5755
Processor	<ul style="list-style-type: none">• AMD A10-8700P• AMD A8-7410
Chipset	Integrated in processor



Dimensions and weight



System information



Memory



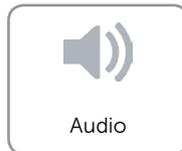
Ports and connectors



Communications



Video



Audio



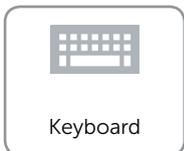
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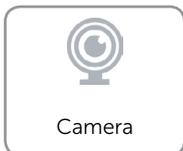
Media-card reader



Display



Keyboard



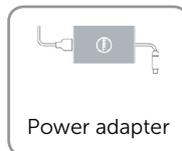
Camera



Touch pad



Battery



Power adapter



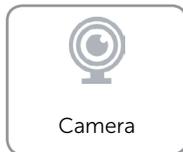
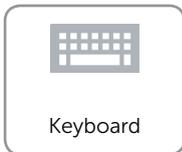
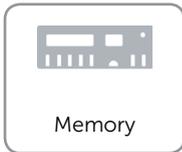
Computer environment



Specifications

Memory

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





Specifications

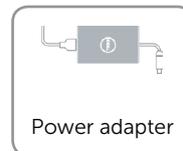
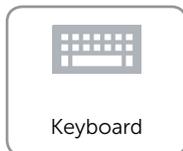
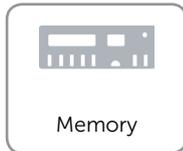
Ports and connectors

External:

- | | |
|-------------|---|
| Network | One RJ45 port |
| USB | <ul style="list-style-type: none">• Two USB 2.0 ports• One USB 3.0 port |
| Audio/video | <ul style="list-style-type: none">• One HDMI port• One headset (headphone and microphone combo) port |

Internal:

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





Specifications

Communications

Ethernet

10/100 Mbps Ethernet controller integrated on system board

Wireless

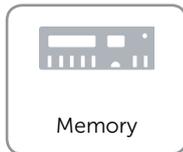
- Wi-Fi 802.11b/g/n
- Wi-Fi 802.11ac
- Bluetooth 4.0



Dimensions and weight



System information



Memory



Ports and connectors



Communications



Video



Audio



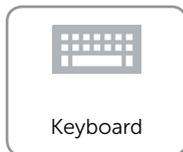
Storage



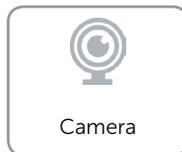
Media-card reader



Display



Keyboard



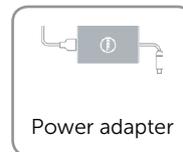
Camera



Touch pad



Battery



Power adapter



Computer environment



Specifications

Video

Controller:

Integrated

Integrated in processor

Discrete

- AMD Radeon R5 M335
- AMD Radeon R6 M345DX (with AMD A10-8700P processor only)

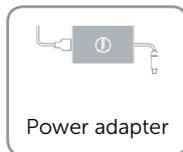
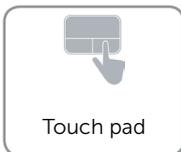
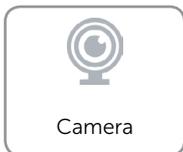
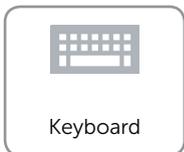
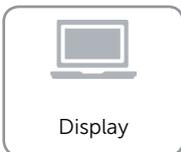
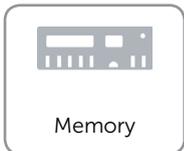
Memory:

Integrated

Shared system memory

Discrete

Up to 2 GB DDR3L

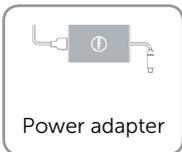
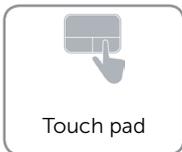
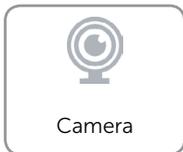
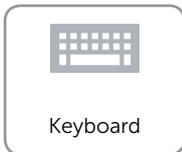
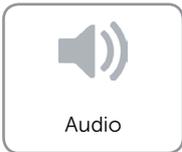
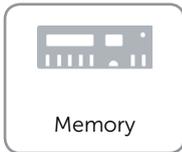




Specifications

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	Shortcut keys





Specifications

Storage

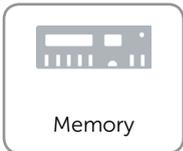
Interface	SATA 6 Gbps
Hard drive	One 2.5-inch drive (supports Intel Smart Response Technology)
Optical drive (optional)	One 9.5-mm DVD+/-RW drive



Dimensions and weight



System information



Memory



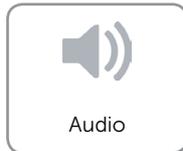
Ports and connectors



Communications



Video



Audio



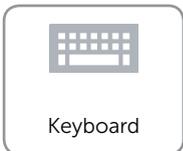
Storage



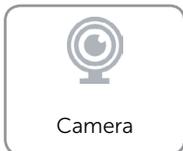
Media-card reader



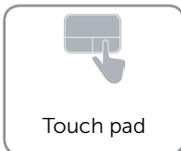
Display



Keyboard



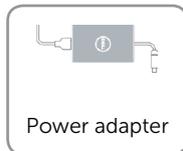
Camera



Touch pad



Battery



Power adapter



Computer environment



Specifications

Media-card reader

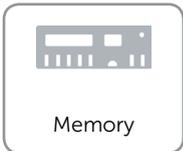
Type	One SD card slot
Cards supported	<ul style="list-style-type: none">• SD• SD High-Capacity (SDHC)• SD Extended-Capacity (SDXC)



Dimensions and weight



System information



Memory



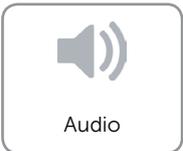
Ports and connectors



Communications



Video



Audio



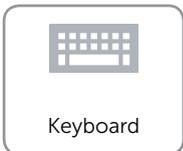
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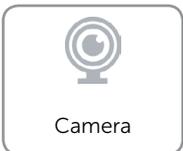
Media-card reader



Display



Keyboard



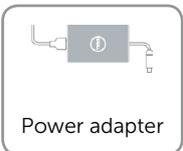
Camera



Touch pad



Battery



Power adapter



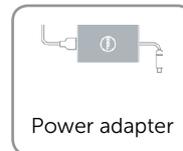
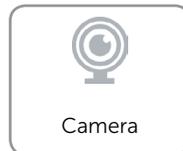
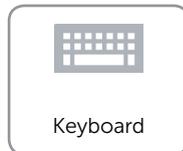
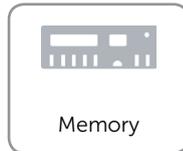
Computer environment



Specifications

Display

Type	17.3-inch FHD WLED touch screen	17.3-inch HD+ WLED non-touch screen
Resolution (maximum)	1920 x 1080	1600 x 900
Pixel pitch	0.1989 mm	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.	





Specifications

Keyboard

Type

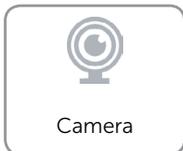
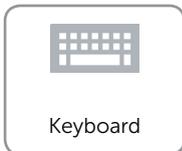
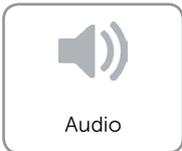
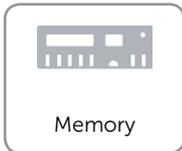
- Standard keyboard
- Backlit keyboard (optional)

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.](#)





Shortcut keys

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
F10 	Toggle keyboard backlight
F11 	Decrease brightness
F12 	Increase brightness

Fn + 	Turn off/on wireless
Fn + 	Toggle between power and battery-status light/hard-drive activity light
Fn + 	Sleep
Fn + 	Toggle Fn-key lock
Fn + 	Open application menu
Fn + 	Pause/Break
Fn + 	System request
Fn + 	Toggle scroll lock



Specifications

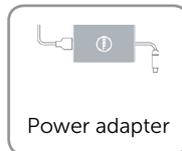
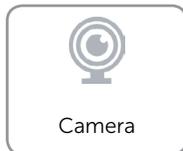
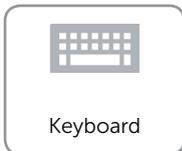
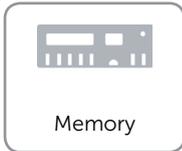
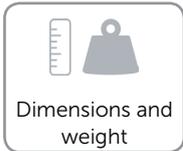
Camera

Resolution:

Still image 0.92 megapixel

Video 1280 x 720 HD at 30 fps (maximum)

Diagonal viewing angle 74 degrees





Specifications

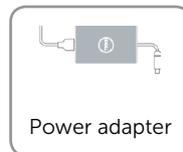
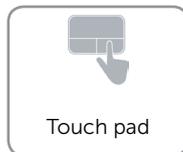
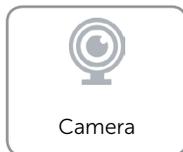
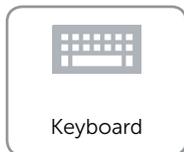
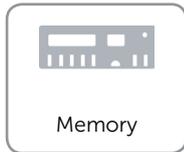
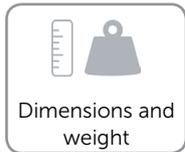
Touch pad

Resolution:

Horizontal	2189
Vertical	2417

Dimensions:

Width	105 mm (4.13 in)
Height	80 mm (3.15 in)

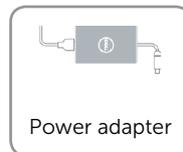
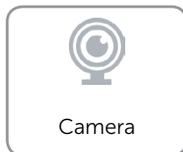
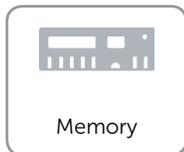




Specifications

Battery

Type	<ul style="list-style-type: none">• 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)	<ul style="list-style-type: none">• 40 WHr – 0.25 kg (0.55 lb)• 47 WHr – 0.26 kg (0.56 lb)
Voltage	14.8 VDC
Charging time (approximate)	4 hours (when the computer is off)
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	CR2032

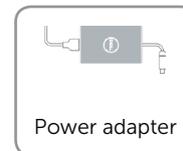
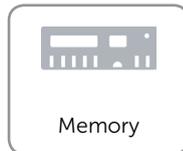




Specifications

Power adapter

Type	<ul style="list-style-type: none">• 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)





Specifications

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.

