



Inspiron 17

5000 Series



Views

Specifications

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2015 - 04 Rev. A00

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

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



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.

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.



Front



Left



Right

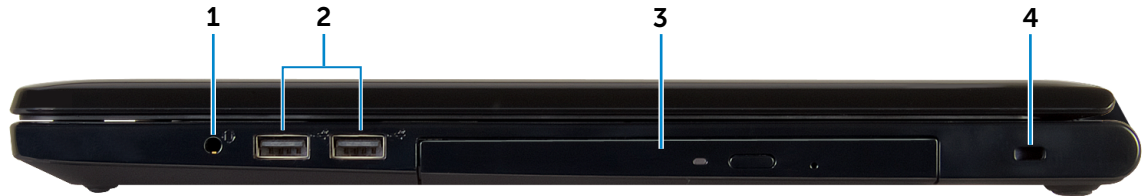


Base



Display

Right



1 Headset port

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

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



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

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.



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

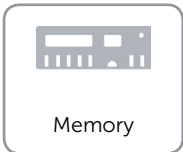
Computer model	Inspiron 17-5755
Processor	<ul style="list-style-type: none">• AMD A10-8700P• AMD A8-7410
Chipset	Integrated in processor



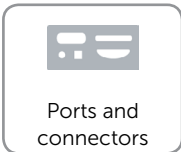
Dimensions and weight



System information



Memory



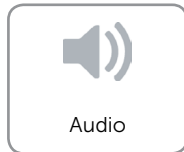
Ports and connectors



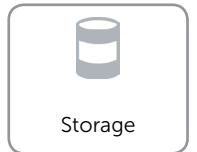
Communications



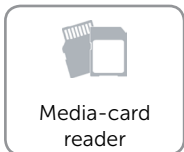
Video



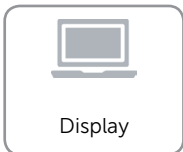
Audio



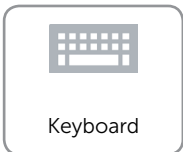
Storage



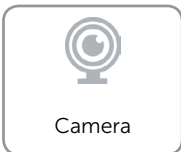
Media-card reader



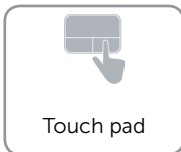
Display



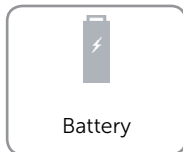
Keyboard



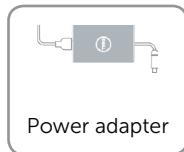
Camera



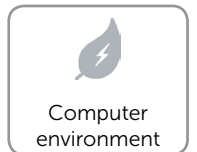
Touch pad



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



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

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 headphone and microphone combo (headset) port

Internal:

Mini-card	One NGFF card slot for Wi-Fi and Bluetooth combo card
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Dimensions and weight



System information



Memory



Ports and connectors



Communications



Video



Audio



Storage



Media-card reader



Display



Keyboard



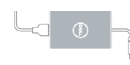
Camera



Touch pad



Battery



Power adapter



Computer environment



Specifications

Communications

Ethernet	10/100 Mbps Ethernet controller integrated on system board
Wireless	<ul style="list-style-type: none">• 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



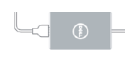
Camera



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



Dimensions and weight



System information



Memory



Ports and connectors



Communications



Video



Audio



Storage



Media-card reader



Display



Keyboard



Camera



Touch pad



Battery



Power adapter



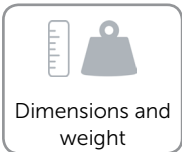
Computer environment



Specifications

Audio

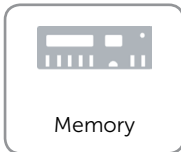
Controller	Realtek ALC3234 with Waves MaxxAudio Pro
Speakers	Two
Speaker output:	
Average	2 W
Peak	2.2 W
Microphone	Digital array-microphones
Volume controls	Shortcut keys



Dimensions and
weight



System
information



Memory



Ports and
connectors



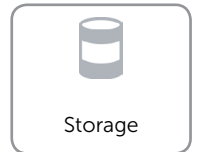
Communications



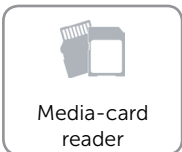
Video



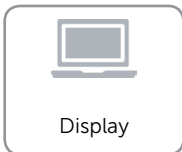
Audio



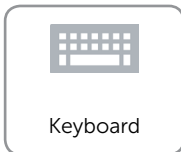
Storage



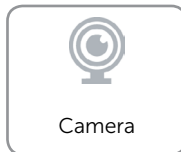
Media-card
reader



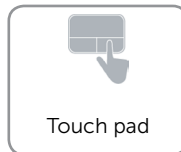
Display



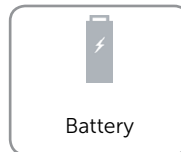
Keyboard



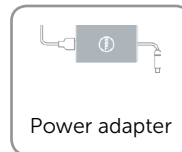
Camera



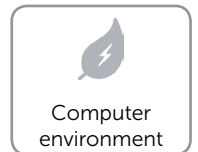
Touch pad



Battery



Power adapter



Computer
environment



Specifications

Storage

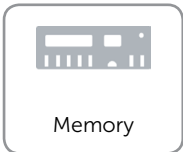
Interface	SATA 6 Gbps
Hard drive	One 2.5-inch drive (supports Intel Smart Response Technology)
Optical drive (optional)	One 9.5 mm DVD+/-RW drive



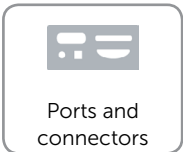
Dimensions and weight



System information



Memory



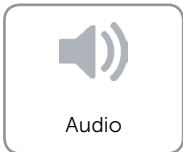
Ports and connectors



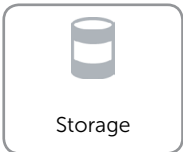
Communications



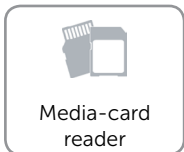
Video



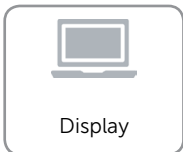
Audio



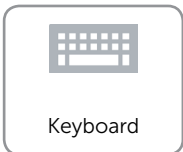
Storage



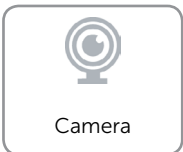
Media-card reader



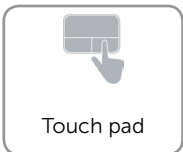
Display



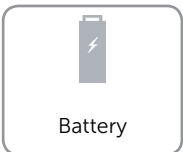
Keyboard



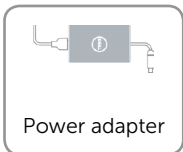
Camera



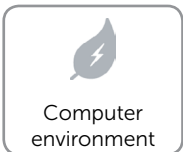
Touch pad



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



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Media-card reader




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Power adapter



Computer environment



Specifications

Display

Type	<ul style="list-style-type: none">• 17.3-inch FHD WLED touch screen• 17.3-inch HD+ WLED
Resolution (maximum)	<ul style="list-style-type: none">• FHD — 1920 x 1080• HD+ — 1600 x 900
Pixel pitch	<ul style="list-style-type: none">• 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.



Dimensions and weight



System information



Memory



Ports and connectors



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Media-card reader



Display



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Computer environment



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.](#)



Dimensions and
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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	+	PrtScr	Turn off/on wireless
Fn	+	H	Toggle between power and battery-status light/hard-drive activity light
Fn	+	Insert	Sleep
Fn	+	Esc	Toggle Fn-key lock
Fn	+	Ctrl	Open application menu
Fn	+	B	Pause/Break
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




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Power adapter



Computer environment



Specifications

Touch pad

Resolution:

Horizontal	2189 dpi
Vertical	2417 dpi

Dimensions:

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



Dimensions and
weight



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Media-card
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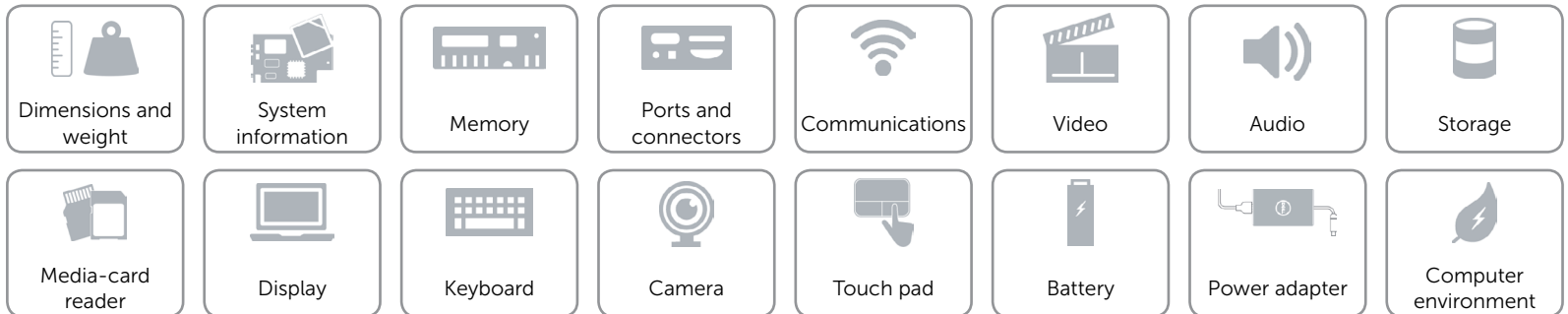
Computer
environment



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 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





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)



Dimensions and
weight



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Keyboard



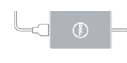
Camera



Touch pad



Battery



Power adapter



Computer
environment



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.



Dimensions and
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