



Inspiron 24

3000 Series



Views

Tilt

Specifications

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2015 - 03 Rev. A00

Regulatory model: W12C | Type: W12C001

Computer model: Inspiron 24-3455

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



Views



Front



Left

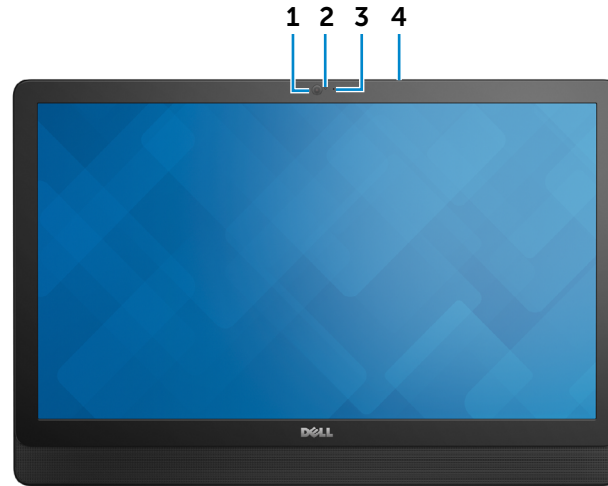


Right



Back

Front



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 (on computers with non-touchscreen display only)

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

4 Microphone (on computers with touchscreen display only)

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



Front



Left

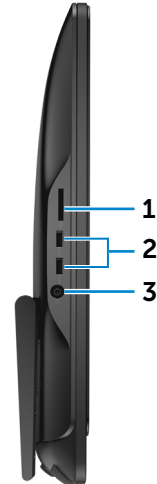


Right



Back

Left



1 Media-card reader

Reads from and writes to media cards.

2 USB 3.0 ports (2)

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

3 Headset port

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



Front



Left

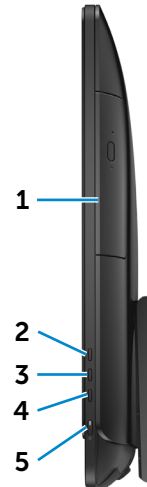


Right



Back

Right



1 Optical drive (optional)

Reads from and writes to CDs and DVDs.

2 Display-brightness increase button

Press to increase the display brightness.

3 Display-brightness decrease button

Press to decrease the display brightness.

4 Screen off

Press and hold to turn-off the display; press again to turn-on the display.

5 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 dell.com/support.



Front



Left

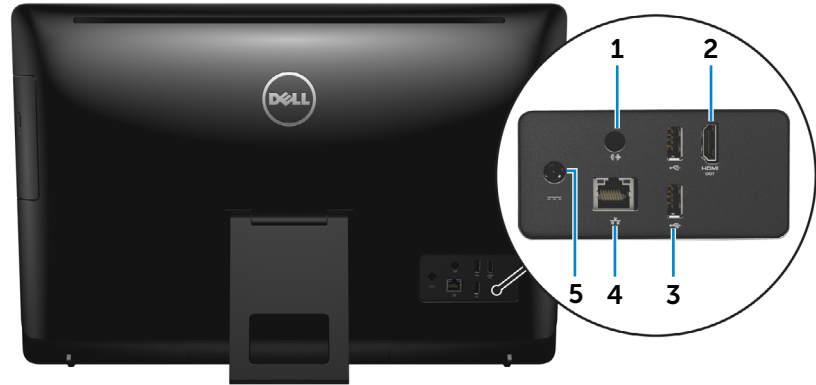


Right



Back

Back



1 Audio-out port

Connect audio-output devices such as speakers, amplifiers, and so on.

2 HDMI-out port

Connect a TV or other HDMI-in enabled devices. Provides video and audio output.

3 USB 2.0 ports (2)

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

4 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 connector indicate the connectivity status and network activity.

5 Power-adaptor port

Connect a power adapter to provide power to your computer.



Tilt

Stand





Specifications

Dimensions and weight

Height	387.33 mm (15.25 in)	
Width	576.62 mm (22.70 in)	
Depth:	With stand	Without stand
Touchscreen	61.18 mm (2.41 in)	38.2 mm (1.50 in)
Non-touchscreen	61.93 mm (2.44 in)	39.3 mm (1.55 in)
Weight (maximum):		
Touchscreen	7.46 kg (16.45 lb)	
Non-touchscreen	6.37 kg (14.04 lb)	
NOTE: The weight of your computer 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



Camera



Stand



Power adapter



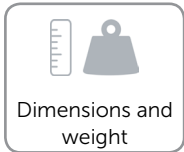
Computer
environment



Specifications

System information

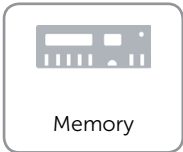
Computer model	Inspiron 24-3455
Processor	• AMD A8-7410 • AMD A6-7310 • AMD E2-7110
System chipset	Integrated in processor



Dimensions and weight



System information



Memory



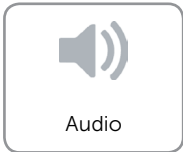
Ports and connectors



Communications



Video



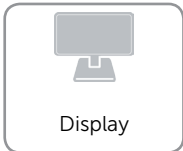
Audio



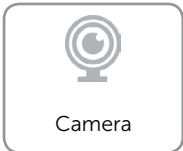
Storage



Media-card reader



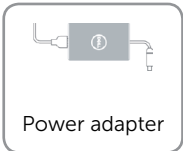
Display



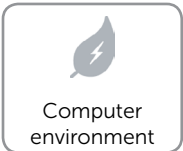
Camera



Stand



Power adapter



Computer environment



Specifications

Memory

Slots	Two SODIMM slots
Type	Dual-channel DDR3L
Speed	Up to 1600 MHz
Configurations supported	2 GB, 4 GB, and 8 GB



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Specifications

Ports and connectors

External:

Network	One RJ45 port
USB	• Two USB 2.0 ports • Two USB 3.0 ports
Audio/Video	• One combo jack port • One audio line-out port • One HDMI-out port

Internal:

M.2 card	One M.2 card slot for WLAN and Bluetooth
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Dimensions and
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Specifications

Communications

Ethernet

10/100 Mbps Ethernet controller integrated on system board

Wireless

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



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Specifications

Video

Controller:	
Integrated	Integrated in processor
Discrete	AMD Radeon R5 A330
Memory:	
Integrated	Shared system memory
Discrete	2GB DDR3L



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Specifications

Audio

Controller	Realtek ALC3661 Waves MaxxAudio
Speakers	Two
Speaker output:	
Average	2 W
Peak	2.5 W
Microphone	Digital-array microphones
Volume controls	Program menus



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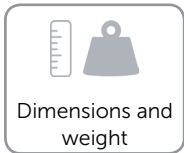
Computer
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Specifications

Storage

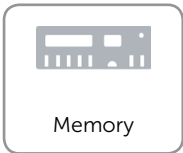
Interface	• SATA 3 Gbps for optical drive • SATA 6 Gbps for hard drive
Hard drive	One 2.5-in drive
Optical drive	One 9.5-mm DVD+/-RW drive (optional)



Dimensions and weight



System information



Memory



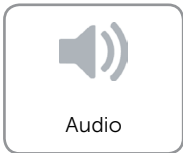
Ports and connectors



Communications



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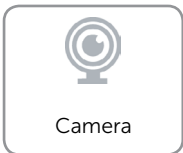
Storage



Media-card reader



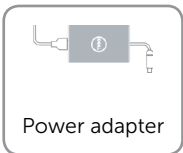
Display



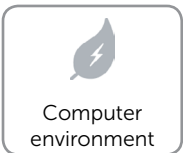
Camera



Stand



Power adapter



Computer environment



Specifications

Media-card reader

Type	One 4-in-1 slot
Cards supported	• SD card • MultiMediaCard (MMC) • SD Extended Capacity (SDXC) card • SD High Capacity (SDHC) card



Dimensions and weight



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Media-card reader



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Specifications

Display

Type	• 23.8-in FHD touchscreen • 23.8-in FHD non-touchscreen
Resolution (maximum)	1920 x 1080
Dimensions:	
Height	317.4 mm (12.50 in)
Width	543 mm (21.38 in)
Diagonal	604.52 mm (23.8 in)
Refresh rate	60 Hz
Pixel pitch	0.2745 mm x 0.2745 mm
Controls	Brightness can be controlled through the display-brightness increase/decrease button



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Specifications

Camera

Resolution:

Still image	0.92 megapixels
Video	1280 x 720 at 30 fps (maximum)
Diagonal viewing angle	74 degrees



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Stand

Height	174.80 mm (6.88 in)
Width	120 mm (4.72 in)
Depth	22.77 mm (0.90 in)
Operating angle	12°–45°



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Specifications

Power adapter

Type	65 W
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current (maximum)	1.70 A/2.50 A
Output current (maximum)	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)



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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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