



Inspiron 20

3000 Series



Views

Specifications

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2015 - 05 Rev. A00

Regulatory model: W15B | Type: W15B002

Computer model: Inspiron 20-3052

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



Front



Left



Right

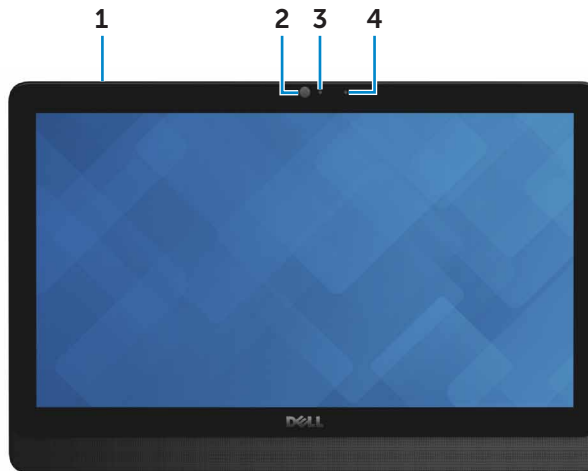


Back



Tilt

Front



1 Microphone (for touch-screen model)

Provides high-quality 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 Microphone (for non-touch screen model)

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



Views



Front



Left



Right

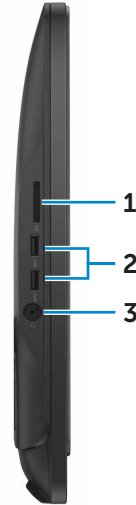


Back



Tilt

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 headset (headphone and microphone combo).



Front



Left



Right

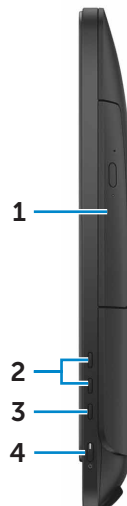


Back



Tilt

Right



1 Optical drive (optional)

Reads from and writes to CDs and DVDs.

2 Display-brightness control buttons

Press to increase or decrease the display brightness.

3 Screen-off button

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

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 dell.com/support.



Front



Left



Right

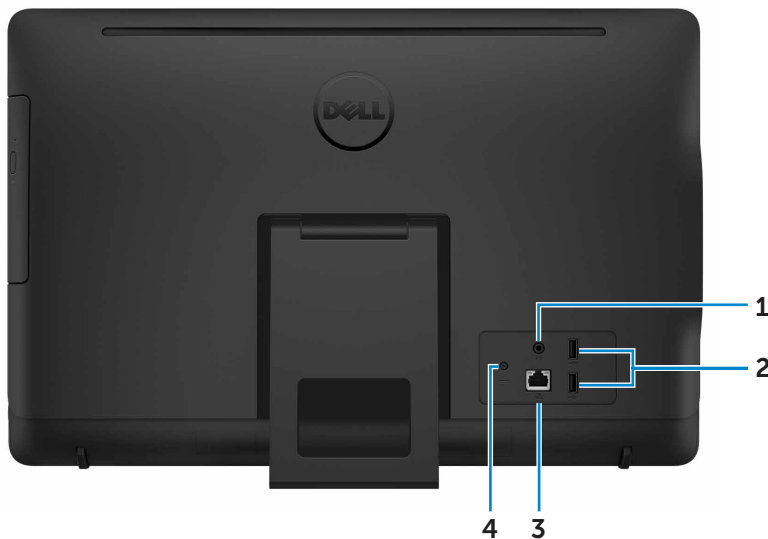


Back



Tilt

Back



1 Audio-out port

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

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 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.

4 Power-adaptor port

Connect a power adapter to provide power to your computer.



Views



Front



Left



Right

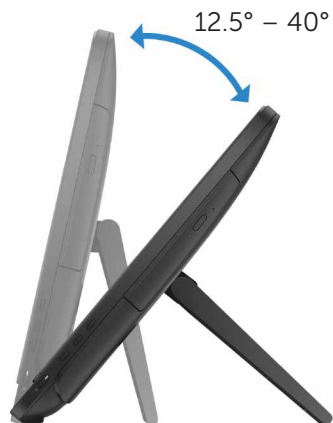


Back



Tilt

Easel stand



Pedestal stand





Specifications

Dimensions and weight

Height	317.64 mm (12.51 in)
Width	480.52 mm (18.92 in)

Depth:

Touch screen	33.12 mm (1.30 in)
Non-touch screen	34.22 mm (1.35 in)

Weight without stand (maximum):

Touch screen	4.14 kg (9.13 lb)
Non-touch screen	3.36 kg (7.41 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 20-3052
Processor	- Intel Celeron Quad Core - Intel Pentium Quad Core
Chipset	Integrated in processor



Dimensions and weight



System information



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Ports and connectors



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Specifications

Memory

Slots	One SODIMM slot
Type	DDR3L
Speed	Up to 1600 MHz
Configurations supported	2 GB, 4 GB, and 8 GB



Dimensions and weight



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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 headset port • One audio line-out port

Internal:

NGFF card	One NGFF card slot for WLAN and Bluetooth
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Dimensions and
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Specifications

Communications

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



Dimensions and weight



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Specifications

Video

Controller:	
Integrated	Integrated in processor
Discrete	Radeon R5 A315
Memory:	
Integrated	Shared system memory
Discrete	2 GB DDR3L



Dimensions and weight



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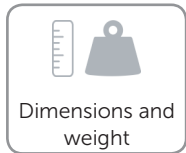
Computer environment



Specifications

Audio

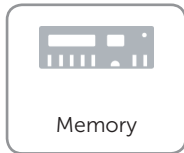
Controller	Realtek ALC3661 Waves MaxxAudio
Speakers	Two
Speaker output:	
Average	2 W
Peak	2.5 W
Microphone	Digital-array microphones
Volume controls	Program menus



Dimensions and weight



System information



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Ports and connectors



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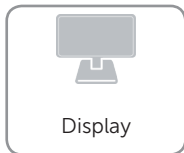
Audio



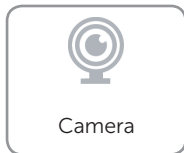
Storage



Media-card reader



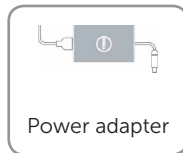
Display



Camera



Stand



Power adapter



Computer environment



Specifications

Storage

Interface

- SATA 3 Gbps for optical drive
- SATA 6 Gbps for hard drive

Hard drive

One 2.5-inch drive

Optical drive

One 9.5-mm DVD+/-RW drive (optional)



Dimensions and weight



System information



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Ports and connectors



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Media-card reader



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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



System information



Memory



Ports and connectors



Communications



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Storage



Media-card reader



Display



Camera



Stand



Power adapter



Computer environment



Specifications

Display

Type	• 19.5-inch HD+ touch screen • 19.5-inch HD+ non-touch screen
Resolution (maximum)	1600 x 900
Dimensions:	
Height	263 mm (10.35 in)
Width	452 mm (17.80 in)
Diagonal	495.30 mm (19.50 in)
Refresh rate	60 Hz
Pixel pitch	0.2745 mm x 0.2745 mm
Controls	Brightness can be controlled through the display-brightness control buttons



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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



Dimensions and weight



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Specifications

Stand

	Easel	Pedestal
Height	174.80 mm (6.88 in)	184.17 mm (7.25 in)
Width	120 mm (4.72 in)	204.98 mm (8.07 in)
Depth	22.48 mm (0.89 in)	13.90 mm (0.55 in)
Weight	0.56 kg (1.23 lb)	1.50 kg (3.31 lb)



Dimensions and weight



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Media-card reader



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Power adapter



Computer environment



Specifications

Power adapter

Type	• 45 W • 65 W
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current (maximum)	1.30 A/1.70 A
Output current (maximum)	2.31 A/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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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.



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