



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

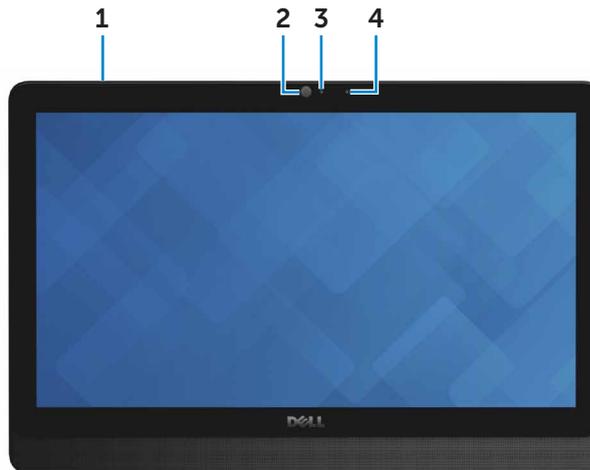


Back



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.



Front



Left



Right



Back



Tilt

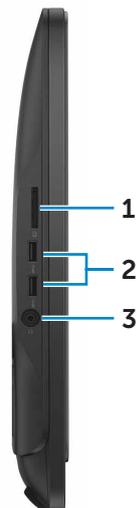
Left

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

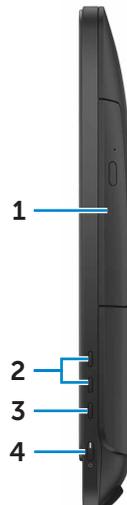


Back



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.



Front



Left



Right

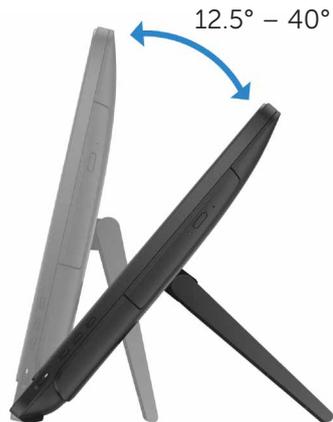


Back



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	<ul style="list-style-type: none">• Intel Celeron Quad Core• Intel Pentium Quad Core
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	One SODIMM slot
Type	DDR3L
Speed	Up to 1600 MHz
Configurations supported	2 GB, 4 GB, and 8 GB



Dimensions and weight



System information



Memory



Ports and connectors



Communications



Video



Audio



Storage



Media-card reader



Display



Camera



Stand



Power adapter



Computer environment



Specifications

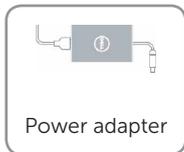
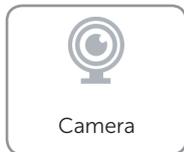
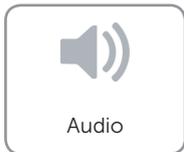
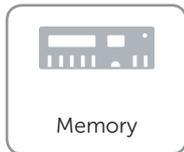
Ports and connectors

External:

- | | |
|-------------|--|
| Network | One RJ45 port |
| USB | <ul style="list-style-type: none">• Two USB 2.0 ports• Two USB 3.0 ports |
| Audio/Video | <ul style="list-style-type: none">• One headset port• One audio line-out port |

Internal:

- | | |
|-----------|---|
| NGFF card | One NGFF card slot for WLAN and Bluetooth |
|-----------|---|





Specifications

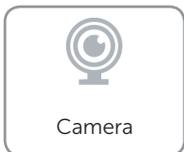
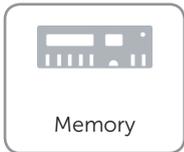
Communications

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





Specifications

Video

Controller:

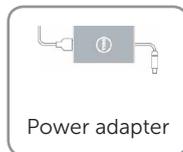
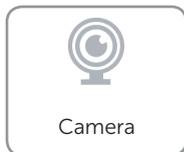
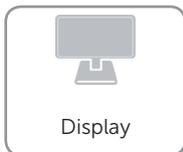
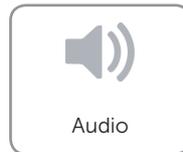
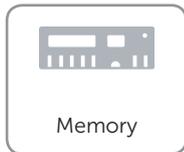
Integrated Integrated in processor

Discrete Radeon R5 A315

Memory:

Integrated Shared system memory

Discrete 2 GB DDR3L

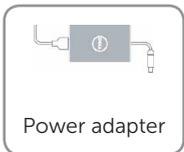
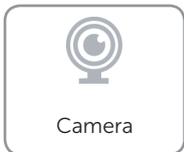
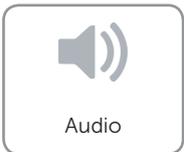
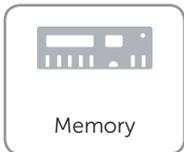




Specifications

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

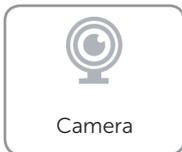
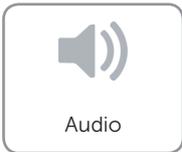
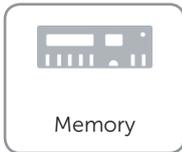




Specifications

Storage

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

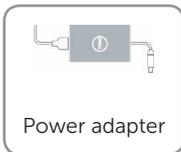
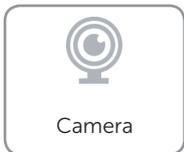
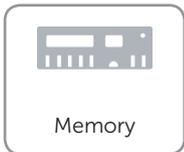




Specifications

Media-card reader

Type	One 4-in-1 slot
Cards supported	<ul style="list-style-type: none">• SD card• MultiMediaCard (MMC)• SD Extended Capacity (SDXC) card• SD High Capacity (SDHC) card

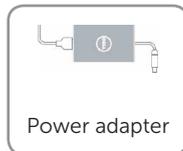
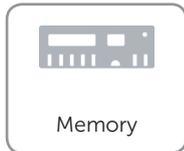




Specifications

Display

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





Specifications

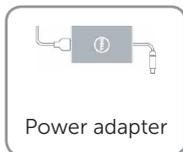
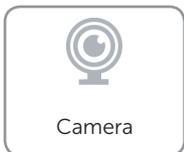
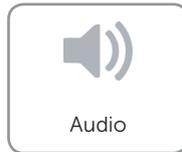
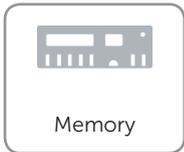
Camera

Resolution:

Still image 0.92 megapixels

Video 1280 x 720 at 30 fps (maximum)

Diagonal viewing angle 74 degrees





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



System information



Memory



Ports and connectors



Communications



Video



Audio



Storage



Media-card reader



Display



Camera



Stand



Power adapter



Computer environment



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 (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)



Dimensions and weight



System information



Memory



Ports and connectors



Communications



Video



Audio



Storage



Media-card reader



Display



Camera



Stand



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.

