Inspiron 22 3000
Setup and Specifications

Notes, cautions, and warnings

NOTE: A NOTE indicates important information that helps you make better use of your computer.

CAUTION: A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

WARNING: A WARNING indicates a potential for property damage, personal injury, or death.

Contents

Set up your computer

1 Set up the stand.

Pedestal stand

Easel stand

2 Set up the keyboard and mouse.

See the documentation that shipped with the keyboard and mouse.

3 Connect the power adapter.

Pedestal stand

Easel stand

4 Press the power button.
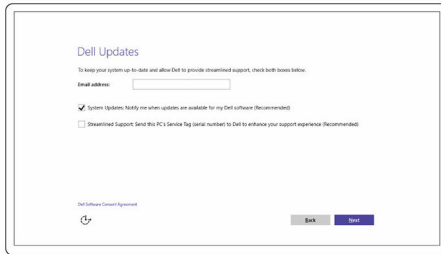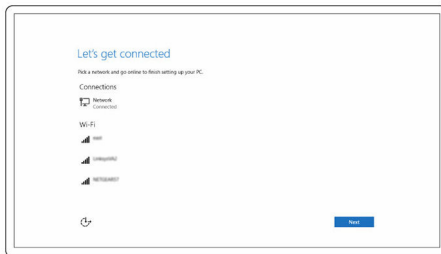
5 Finish operating system setup.

For Windows:

a) Enable Dell updates.

b) Connect to your network.

c) Sign-in to your Microsoft account or create a local account.
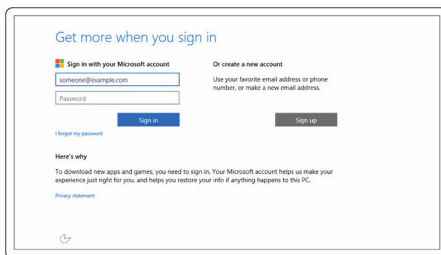
For Ubuntu:

Follow the instructions on the screen to finish setup.

6 Explore Dell resources on your desktop.

Register your computer

Dell Help & Support
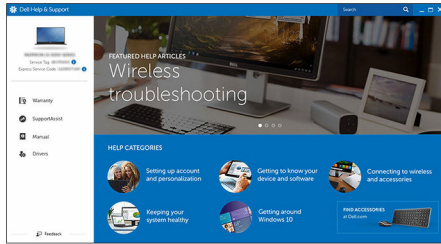
SupportAssist — Check and update your computer

Views

Front
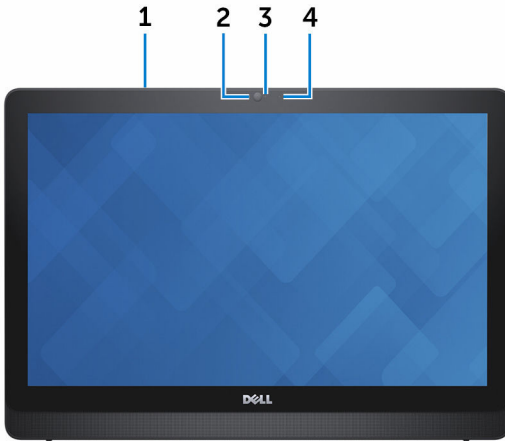
1 **Microphone (for touch-screen model only)**

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 (non-touch screen model only)**

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

Left
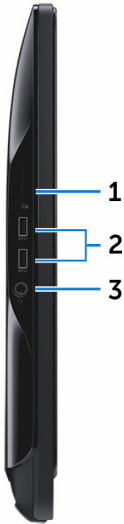
1   **Media-card reader**

    Reads from and writes to media cards.

2   **USB 3.0 ports (2)**

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

3   **Headset port**

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

Right

1   **Optical drive (optional)**

     Reads from and writes to CDs and DVDs.

2   **Brightness increase buttons (2)**

     Press to increase or decrease the brightness of the screen.

3   **Screen off/on button**

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

4   **Power button**

     Turns on your computer or changes the power state of your computer.

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

Back
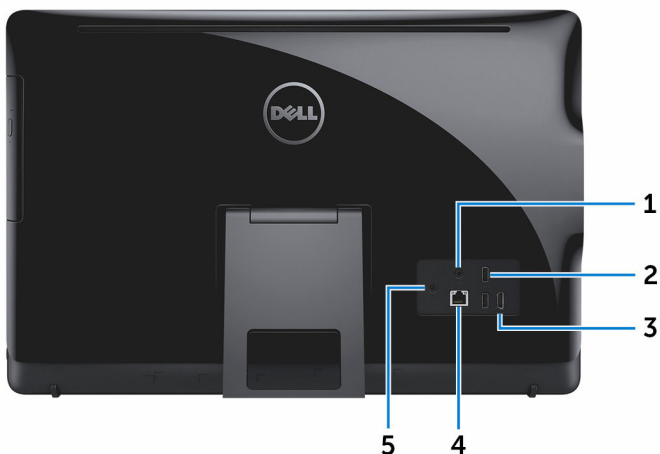
1   **Audio-out port**

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.
Provides data transfer speeds up to 480 Mbps.

3   **HDMI-in port**

Connect a gaming console, Blu-ray player, or other HDMI-out enabled
devices.

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-adapter port**

Connect a power adapter to provide power to your computer.

Specifications

Dimensions and weight

Height	• Easel stand – 349.55 mm (13.76 in)
	• Pedestal stand — 402.54 mm (15.85 in)
Width	526.20 mm (20.72 in)

Depth	With easel stand	With pedestal stand	Without stand
Touch screen	55.85 mm (2.20 in)	205.60 mm (8.09 in)	33.10 mm (1.30 in)
Non-touch screen	56.95 mm (2.24 in)	205.60 mm (8.09 in)	34.20 mm (1.35 in)
Weight (maximum)			
Touch screen	5.35 kg (11.78 lb)	7.18 kg (15.81 lb)	5.37 kg (11.80 lb)
Non-touch screen	4.91 kg (10.81 lb)	6.26 kg (13.79 lb)	4.44 kg (9.79 lb)

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

System information

Computer model	Inspiron 22-3264
Processor	• 7th Generation Intel Core i3
	• 7th Generation Intel Core i5
Chipset	Integrated in processor

Memory

Slots	Two SODIMM slots
Type	DDR4
Speed	Up to 2133 MHz
Configurations supported	2GB, 4GB, 6GB, 8GB, 10GB, 12GB and 16GB

Ports and connectors

External:	
Network	One RJ45 port
USB	• Two USB 2.0 ports • Two USB 3.0 ports
Audio/Video	• One HDMI-in port • One audio line-out port • One headset port

Internal:	
M.2 card	One M.2 slot for WLAN and Bluetooth combo

Communications

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

Video

	Integrated	Discrete
Controller	Integrated in processor	Nvidia GeForce 920M
Memory	Shared system memory	2 GB GDDR5

Audio

Controller	Realtek ALC3661 Waves MaxxAudio Pro
Speakers	Two
Speaker Output	• Average – 3 W • Peak – 3.5 W
Microphone	Integrated Single Digital Microphone
Volume controls	Program menus

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)

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

Display

Type	
	• 21.5-in FHD+ touch screen • 21.5-in FHD+ non-touch screen
Resolution (maximum)	1920 x 1080
Pixel pitch	0.2479 mm x 0.2479 mm
Height	292.2 mm (11.50 in)
Width	497.6 mm (19.60 in)
Diagonal	546.1 mm (21.5 in)
Refresh rate	60 Hz
Controls	Brightness can be controlled through the display-brightness increase/decrease button

Camera

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

Stand

	Easel	Pedestal
Height	175 mm (6.89 in)	228.5 mm (9.0 in)
Width	120 mm (4.72 in)	225.6 mm (8.88 in)
Depth	22.76 mm (0.90 in)	205.6 mm (8.09 in)
Weight	0.63 kg (1.39 lb)	1.81 kg (3.99 lb)

Power adapter

Type	65W	90W
Input Voltage	100 VAC to 240 VAC	
Input frequency	50 Hz to 60 Hz	
Input current (maximum)	1.70A	2.50A
Output current (continuous)	3.34A	4.62A
Rated output voltage	19.50 VDC	
Temperature range: Operating	0°C to 40°C (32°F to 104°F)	
Temperature range: Storage	−40°C to 70°C (−40°F to 158°F)	

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.

Getting help and contacting Dell

Self-help resources

You can get information and help on Dell products and services using these self-help resources:

Information about Dell products and services	www.dell.com
Dell Help & Support app	
Get started app	
Accessing help in Windows 10	In Windows search, type **Help and Support**, and press **Enter**.
Online help for operating system	www.dell.com/support/windows www.dell.com/support/linux
Troubleshooting information, user manuals, setup instructions, product specifications, technical help blogs, drivers, software updates, and so on	www.dell.com/support
Learn about your operating system, setting up and using your computer, data backup, diagnostics, and so on.	See *Me and My Dell* at www.dell.com/support/manuals.

Contacting Dell

To contact Dell for sales, technical support, or customer service issues, see www.dell.com/contactdell.

NOTE: Availability varies by country and product, and some services may not be available in your country.

NOTE: If you do not have an active internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell product catalog.