

Inspiron 24 3000 All-in-One Setup and Specifications

Computer Model: Inspiron 24-3475
Regulatory Model: W21C
Regulatory Type: W21C002



Notes, cautions, and warnings



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



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.

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Set up your computer

- 1 Set up the [easel stand](#) or [pedestal stand](#).
- 2 Connect the keyboard and mouse.



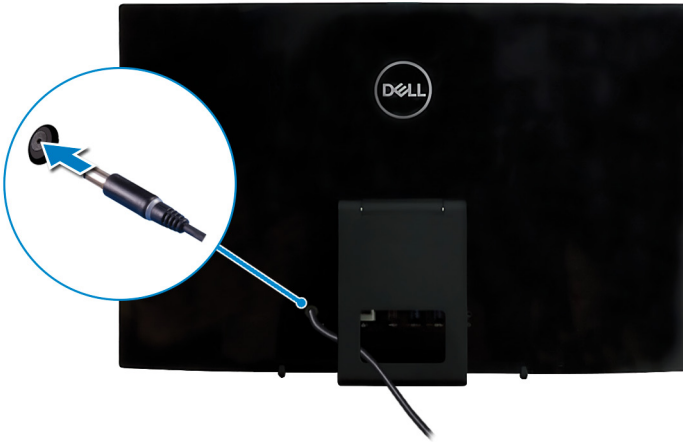
NOTE: For setup instructions, see the documentation shipped with the keyboard and mouse.



3 Connect the power adapter.

⚠ WARNING: Route the power-adapter cable through the routing guide on the stand to avoid potential damage to the power adapter and to avoid the unexpected system power-off when the stand is moved to a different orientation.

Easel stand



Pedestal stand



- 4 Press the power button.



- 5 Finish operating system setup.

For Ubuntu:

Follow the on-screen instructions to complete the setup. For more information about configuring the Ubuntu install, see the knowledge base article [SLN151664](https://www.dell.com/support/SLN151664) at www.dell.com/support.

For Windows:

Follow the on-screen instructions to complete the setup. When setting up, Dell recommends that you:

- Connect to a network for Windows updates.



NOTE: If connecting to a secured wireless network, enter the password for the wireless network access when prompted.

- If connected to the internet, sign-in with or create a Microsoft account. If not connected to the internet, create an offline account.
- On the **Support and Protection** screen, enter your contact details.



- 6 Locate and use Dell apps from the Windows Start menu—Recommended

Table 1. Locate Dell apps



Dell Product Registration

Register your computer with Dell.



Dell Help & Support

Access help and support for your computer.



SupportAssist

Pro-actively checks the health of your computer's hardware and software. The SupportAssist OS Recovery tool troubleshoots issues with the operating system. For more information, see the SupportAssist documentation at www.dell.com/support.



NOTE: Renew or upgrade your warranty by clicking the warranty expiry date in SupportAssist.



Dell Update

Updates your computer with critical fixes and latest device drivers as they become available.



Dell Digital Delivery

Download software applications, which are purchased but not pre-installed on your computer.

- 7 Create recovery drive for Windows.



NOTE: It is recommended to create a recovery drive to troubleshoot and fix problems that may occur with Windows.

For more information, see [Create a USB recovery drive for Windows](#).

Set up the easel stand

Lift the easel stand.



Set up the pedestal stand

- 1 Lift the stand riser.



2 Attach the base.



3 Tighten the captive screw to secure the base to the stand riser.



Create a USB recovery drive for Windows

Create a recovery drive to troubleshoot and fix problems that may occur with Windows. An empty USB flash drive with a minimum capacity of 16 GB is required to create the recovery drive.



NOTE: This process may take up to an hour to complete.



NOTE: The following steps may vary depending on the version of Windows installed. Refer to the [Microsoft support site](#) for latest instructions.

- 1 Connect the USB flash drive to your computer.
- 2 In Windows search, type *Recovery*.
- 3 In the search results, click **Create a recovery drive**.
The **User Account Control** window is displayed.
- 4 Click **Yes** to continue.
The **Recovery Drive** window is displayed.
- 5 Select **Back up system files to the recovery drive** and click **Next**.
- 6 Select the **USB flash drive** and click **Next**.
A message appears, indicating that all data in the USB flash drive will be deleted.
- 7 Click **Create**.
- 8 Click **Finish**.

Reinstall Windows using a USB recovery drive



CAUTION: This process formats the hard drive and removes all data on your computer. Ensure that you back up data on your computer before beginning this task.



NOTE: Before reinstalling Windows, ensure your computer has more than 2 GB of memory and more than 32 GB of storage space.



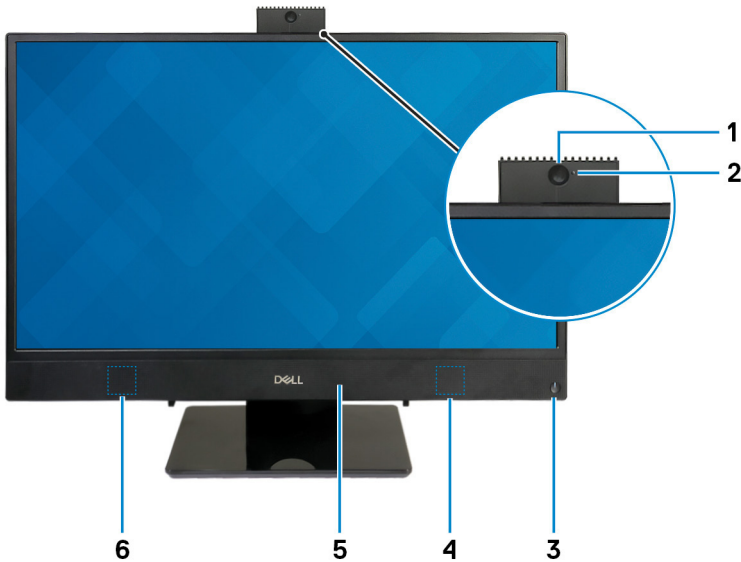


NOTE: This process may take up to an hour to complete and your computer will restart during the recovery process.

- 1 Connect the USB recovery drive to your computer.
- 2 Restart your computer.
- 3 Press F12 after the Dell logo is displayed on the screen to access the boot menu. A **Preparing one-time boot menu** message appears.
- 4 After the boot menu loads, select the USB recovery device under **UEFI BOOT**. The system reboots and a screen to **Choose the keyboard layout** is displayed.
- 5 Choose your keyboard layout.
- 6 In the **Choose an option** screen, click **Troubleshoot**.
- 7 Click **Recover from a drive**.
- 8 Choose one of the following options:
 - **Just remove my files** to do a quick format.
 - **Fully clean the drive** to do a complete format.
- 9 Click **Recover** to start the recovery process.

Views

Front



1 Retractable camera

Enables you to video-chat, capture photos, and record videos. This camera can be retracted to protect your privacy.

2 Camera-status light

Turns on when the camera is in use.

3 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 10 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.

4 **Right speaker**

Provides audio output.

5 **Microphone**

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

6 **Left speaker**

Provides audio output.

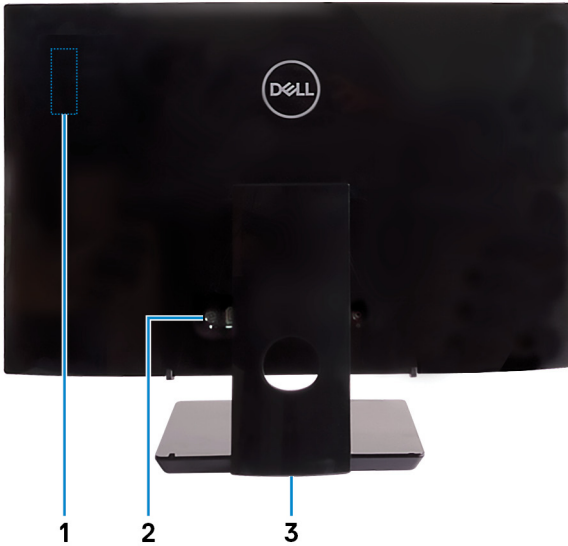
Left



1 **SD-card slot**

Reads from and writes to the SD card.

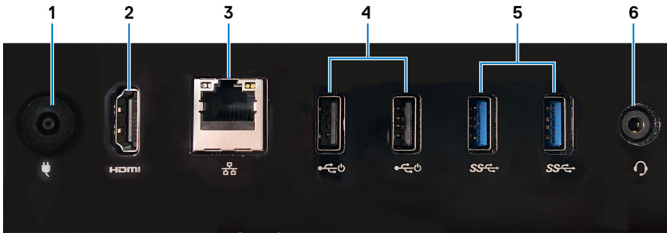
Back



- 1 Radio regulatory label**
Contains the regulatory information of the wireless components for your computer.
- 2 Back panel**
Connect power, USB, audio, and other devices.
- 3 Regulatory label**
Contains regulatory information of your computer.



Back panel



1 Power-adaptor port

Connect a power adapter to provide power to your computer.

2 HDMI-out port

Connect a TV or another HDMI-in enabled device. Provides video and audio output.

3 Network port

Connect an Ethernet (RJ45) cable from a router or a broadband modem for network or Internet access.

4 USB 2.0 port with Power on/Wake-up support (2)

Connect peripherals such as external storage devices and printers. Provides data transfer speeds up to 480 Mbps. Wake the computer up from standby with the keyboard or mouse connected to this port.

5 USB 3.1 Gen 1 ports (2)

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

6 Headset port

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

Bottom



1 **Service Tag label**

The Service Tag is a unique alphanumeric identifier that enables Dell service technicians to identify the hardware components in your computer and access warranty information.

2 **Display Built-in Self Test button**

Run the built-in self test for the display

For more information, see the Troubleshooting section in the service manual at www.dell.com/support/manuals.

Tilt

Easel stand



Pedestal stand





Retractable camera



NOTE: Extend the camera while using any camera function so that the camera is not blocked.

Specifications

Computer model

Inspiron 24-3475.

System information

Table 2. System information

Processor	<ul style="list-style-type: none">• AMD E2-9000E• AMD A6-9225• AMD A9-9425
System chipset	Integrated in processor

Dimensions and weight

Table 3. Dimensions and weight

Height	358 mm (14.49 in)
Width	548.80 mm (21.61 in)
Depth	41.5 mm (1.63 in)
Weight without stand (maximum)	<ul style="list-style-type: none">• Touch: 5.85 kg (12.89 lb)• Non-touch: 5.35 kg (11.79 lb)
Weight without stand (minimum)	<ul style="list-style-type: none">• Touch: 5.12 kg (11.29 lb)• Non-touch: 4.62 kg (10.19 lb)



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

Operating system

Table 4. Operating system

Operating systems supported	<ul style="list-style-type: none">• Ubuntu• Windows 10 Home 64-bit• Windows 10 Professional 64-bit
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Memory

Table 5. Memory specifications

Slots	One SODIMM slot
Type	DDR4
Speed	<ul style="list-style-type: none">• 1866 MHz (E2 processor)• 2133 MHz (A6 and A9 processors)
Configurations supported:	
Total memory	4 GB, 8 GB, and 16 GB

Ports and connectors

Table 6. Ports and connectors specifications

External:	
Network	One RJ45 port
USB	<ul style="list-style-type: none">• Two USB 2.0 port with Power on/Wake-up support• Two USB 3.1 Gen 1 ports
Audio/Video	<ul style="list-style-type: none">• One headset port• One HDMI v1.4 port



Table 7. Ports and connectors specifications

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

Communications

Table 8. Communication specifications

Ethernet	10/100/1000 Mbps Ethernet controller integrated on system board
Wireless	<ul style="list-style-type: none">• Wi-Fi 802.11a/b/g/n/ac• Bluetooth 4.1

Wireless

Table 9. Wireless

Transfer rate	433 Mbps
Frequency bands	2.4 GHz/5 GHz
Encryption	<ul style="list-style-type: none">• 64-bit/128-bit WEP• AES-CCMP• TKIP

Audio

Table 10. Audio specifications

Controller	Realtek ALC3234
Speakers	Two
Speaker output	<ul style="list-style-type: none">• Average: 3 W• Peak: 3.5 W
Microphone	Single digital microphone

Storage

Table 11. Storage specifications

Interface	SATA 6 Gbps for hard drive
Hard drive	One 2.5-inch drive (SATA)
Capacity supported	Up to 2 TB

Media-card reader

Table 12. Media-card reader specifications

Type	One SD-card slot
Cards supported	SD card

Camera

Table 13. Camera specifications

Resolution	<ul style="list-style-type: none">• Still image: 1280 x 720 (HD); 0.92 megapixels• Video: 1280 x 720 (HD) at 30 fps (maximum)
Diagonal viewing angle	74.6 degrees

Power adapter

Table 14. Power adapter specifications

	45 W	65 W
Input current (maximum)	1.30 A	1.70 A
Output current (continuous)	2.31 A	3.34 A
Input Voltage	100 VAC to 240 VAC	



	45 W	65 W
Input frequency		50 Hz to 60 Hz
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)

Display

Table 15. Display specifications

	23.8-inch FHD
Resolution (maximum)	1920 x 1080
Pixel pitch	0.2475 mm
Dimensions:	
Height	296.46 mm (11.67 in)
Width	527.04 mm (20.74 in)
Diagonal	604.70 mm (23.8 in)
Refresh rate	60 Hz
Controls	Program menus

Video



Table 16. Video specifications

Controller	<ul style="list-style-type: none"> · AMD Radeon R2 Graphics · AMD Radeon R4 Graphics · AMD Radeon R5 Graphics
Memory	Shared system memory

Computer environment

Airborne contaminant level: G1 as defined by ISA-S71.04-1985

Table 17. Computer environment

	Operating	Storage
Temperature range	10°C to 35°C (50°F to 95°F)	−40°C to 65°C (−40°F to 149°F)
Relative humidity (maximum)	20% to 80% (non-condensing)	5% to 95% (non-condensing)
	 NOTE: Maximum dew point temperature = 26°C	 NOTE: Maximum dew point temperature = 33°C
Vibration (maximum)*	0.24 GRMS	1.37 GRMS
Shock (maximum)	40 G [†]	105 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:

Table 18. Self-help resources

Information about Dell products and services

www.dell.com

Dell Help & Support app



Tips



Contact Support

In Windows search, type Contact 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

Dell knowledge base articles for a variety of computer concerns.

- 1 Go to www.dell.com/support.
- 2 Type the subject or keyword in the **Search** box.
- 3 Click **Search** to retrieve the related articles.

Learn and know the following information about your product:

See *Me and My Dell* at www.dell.com/support/manuals.

- Product specifications
- Operating system

- Setting up and using your product
- Data backup
- Troubleshooting and diagnostics
- Factory and system restore
- BIOS information

To locate the *Me and My Dell* relevant to your product, identify your product through one of the following:

- Select **Detect Product**.
- Locate your product through the drop-down menu under **View Products**.
- Enter the **Service Tag number** or **Product ID** in the search bar.

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.

