

Inspiron 24 5000

Setup and Specifications

Computer Model: Inspiron 24-5475
Regulatory Model: W15C
Regulatory Type: W15C001



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.

Copyright © 2017 Dell Inc. or its subsidiaries. All rights reserved. Dell, EMC, and other trademarks are trademarks of Dell Inc. or its subsidiaries. Other trademarks may be trademarks of their respective owners.

2017-05

Rev. A00

Contents

Set up your computer.....	5
Views.....	10
Front.....	10
Top.....	11
Bottom.....	11
Left.....	12
Back.....	13
Transform.....	14
Tilt.....	15
Specifications.....	17
Dimensions and weight.....	17
System information.....	17
Memory.....	17
Ports and connectors.....	18
Communications.....	19
Audio.....	19
Storage.....	19
Media-card reader.....	20
Power adapter.....	20
Camera.....	20
Stand.....	21
Video.....	21
Display.....	21
Computer environment.....	22



Getting help and contacting Dell..... 23
Self-help resources.....23
Contacting Dell.....23



Set up your computer

- 1 Set up the stand.

Pedestal stand



Articulating stand

 **NOTE: If you have purchased an articulating stand with your computer, it is pre-installed from the factory.**

- 2 Set up the keyboard and mouse.

 **NOTE: See the documentation that shipped with the keyboard and mouse.**



- 3 Route the cable through the stand, then connect the power cable.

Pedestal stand



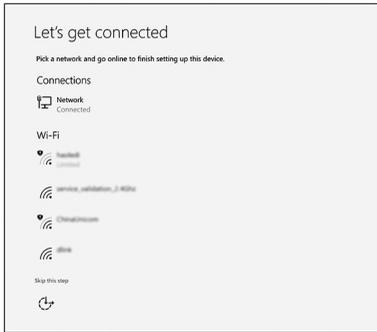
Articulating stand



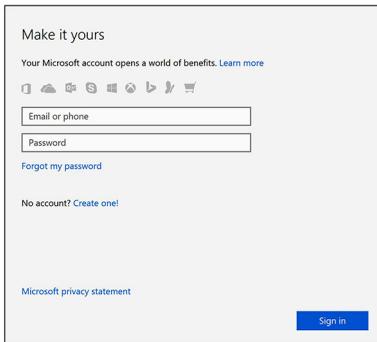
- 4 Press the power button.



- 5 Finish Windows setup.
- a) Connect to your network.



- b) Sign-in to your Microsoft account or create a local account.



6 Explore Dell resources on your desktop.

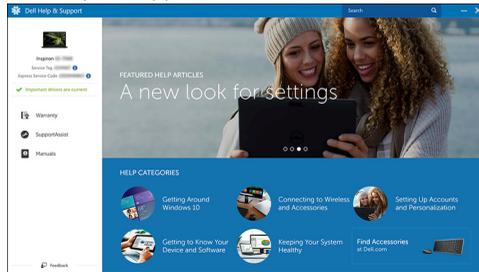
Table 1. Dell resources



Register your computer



Dell Help & Support



SupportAssist — Check and update your computer



Views

Front



1 Camera-status light

Turns on when the camera is in use.

2 Infrared emitter

Emits infrared light, which enables the infrared camera to sense depth and track motion.

3 Camera

Enables you to video chat, capture photos, and record videos.

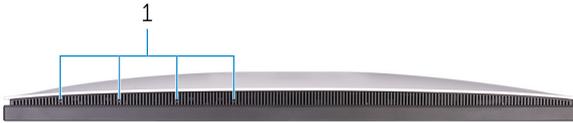
4 Infrared camera

Depth-sensing feature of the camera enhances security when paired with Windows Hello face authentication.

5 Infrared emitter

Emits infrared light, which enables the infrared camera to sense depth and track motion.

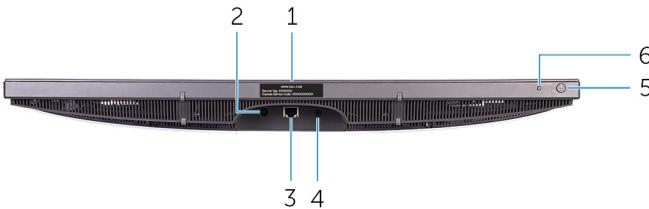
Top



1 Microphones (4)

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

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 Power-adapter port

Connect a power adapter to provide power to your computer.

3 Network port

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

4 Audio-out port

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

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 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.

6 Input-source selection button

Press to select the video-input source.

Left



1 SD-card slot

Reads from and writes to the SD card.

2 USB 3.1 Generation 1 port with PowerShare

Connect peripherals such as storage devices and printers.

Provides data transfer speeds up to 5 Gbps. PowerShare enables you to charge your USB devices even when your computer is turned off.



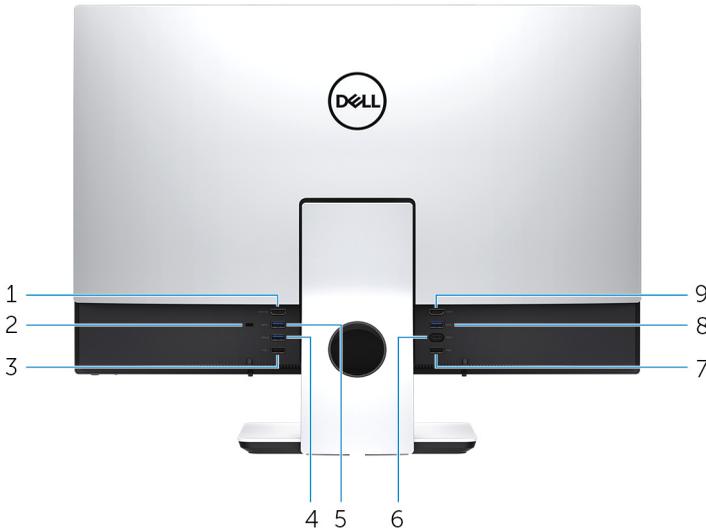
NOTE: If your computer is turned off or in hibernate state, you must connect the power adapter to charge your devices using the PowerShare port. You must enable this feature in the BIOS setup program.

 **NOTE: Certain USB devices may not charge when the computer is turned off or in sleep state. In such cases, turn on the computer to charge the device.**

3 **Headset port**

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

Back



1 **HDMI-in port**

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

2 **Security-cable slot (for Kensington locks)**

Connect a security cable to prevent unauthorized movement of your computer.

3 **USB 2.0 port**

Connect peripherals such as storage devices and printers. Provides data transfer speeds up to 480 Mbps.

4 **USB 3.1 Generation 1 port with PowerShare**

Connect peripherals such as storage devices and printers.



Provides data transfer speeds up to 5 Gbps. PowerShare enables you to charge your USB devices even when your computer is turned off.



NOTE: If your computer is turned off or in hibernate state, you must connect the power adapter to charge your devices using the PowerShare port. You must enable this feature in the BIOS setup program.



NOTE: Certain USB devices may not charge when the computer is turned off or in sleep state. In such cases, turn on the computer to charge the device.

5 **USB 3.1 Generation 1 port**

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

6 **USB 3.1 Generation 1 (Type-C) port**

Connect to external storage devices. Provides data transfer speeds up to 5 Gbps.



NOTE: This port does not support video/audio streaming.

7 **USB 2.0 port**

Connect peripherals such as storage devices and printers. Provides data transfer speeds up to 480 Mbps.

8 **USB 3.1 Generation 1 port**

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

9 **HDMI-out port**

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

Transform

Articulating stand



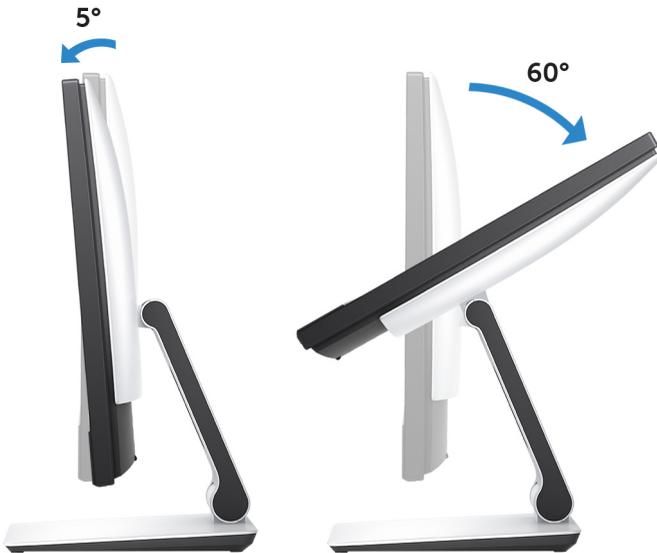
Tilt

Pedestal stand





Articulating stand



Specifications

Dimensions and weight

Table 2. Dimensions and weight

	Touch (Articulating)	Touch (Pedestal)	Non-touch (Pedestal)
Height		351.80 mm (13.85 in)	
Width		539.80 mm (21.25 in)	
Depth		53.00 mm (2.09 in)	
Weight (maximum)	9.52 kg (20.99 lb)	7.87 kg (17.35 lb)	7.60 kg (16.76 lb)



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

System information

Table 3. System information

Computer model	Inspiron 24-5475
Processor	<ul style="list-style-type: none">• 7th Generation AMD A12-9700E• 7th Generation AMD A12-9800E
System chipset	AMD Promontory2 B350

Memory

Table 4. Memory

Slots	Two SODIMM slots
Type	DDR4



Speed	2400 MHz
Configurations supported	4 GB, 8 GB, 12 GB, 16 GB, and 32 GB

Ports and connectors

Table 5. Ports and connectors specifications

External	
Network	One RJ45 port
USB	<ul style="list-style-type: none"> • Two USB 3.1 Generation 1 ports with PowerShare • Two USB 3.1 Generation 1 ports • Two USB 2.0 ports • One USB 3.1 Generation 1 (Type-C) port
Audio/Video	<ul style="list-style-type: none"> • One HDMI-in port • One HDMI-out port • One headset port • One audio line-out port (configurable) <p> NOTE: Audio line-out port can be configured to support audio line-in, microphone, and headphones</p>

Table 6. Ports and connectors specifications

Internal	
M.2 card	<ul style="list-style-type: none"> • One M.2 slot for SSD • One M.2 slot for Wi-Fi and Bluetooth combo card

Communications

Table 7. Communications

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

Audio

Table 8. Audio

Controller	Realtek ALC3266CG with Waves MaxxAudio Pro
Speakers	Two
Speaker Output	10 W
Microphone	Array Microphone
Volume controls	Program menus

Storage

Table 9. Storage specifications

Interface	<ul style="list-style-type: none">• SATA 6 Gbps for hard drive• PCIe up to 16 Gbps
Hard drive	One 2.5-inch drive
Capacity supported	Up to 1 TB 7200 rpm
Solid-state drive	One M.2 drive
Capacity supported	<ul style="list-style-type: none">• 128 GB SATA drive• 256 GB PCIe4 drive



Media-card reader

Table 10. Media-card reader

Type	One 3-in-1 slot
Cards supported	<ul style="list-style-type: none">• SD card• SD Extended Capacity (SDXC) card• SD High Capacity (SDHC) card

Power adapter

Table 11. Power adapter

Type	130 W	180 W
Input Voltage	100 VAC to 240 VAC	
Input frequency	50 Hz to 60 Hz	
Input current (maximum)	2.50 A	2.50 A
Output current (continuous)	6.70 A	9.23 A
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)	

Camera

Table 12. Camera

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



Stand

Table 13. Stand

	Articulating	Pedestal
Height (maximum)	257.6 mm (10.14 in)	247.8 mm (9.75 in)
Width	234.2 mm (9.22 in)	219.1 mm (8.63 in)
Depth	233.9 mm (9.21 in)	169.0 mm (6.65 in)

Video

Table 14. Video

	Integrated	Discrete
Controller	AMD HD graphics	AMD Radeon RX560
Memory	Shared system memory	4 GB GDDR5

Display

Table 15. Display

Type	23.8-in FHD touch screen	23.8-in FHD non-touch screen
Height	535 mm (21.06 in)	
Width	313 mm (12.32 in)	
Diagonal	604.52 mm (23.80 in)	
Viewing angle	178 degree	
Refresh rate	60 Hz	
Resolution (maximum)	1920 x 1080	
Pixel pitch	0.2745 mm x 0.2745 mm	
Controls	Brightness can be controlled through control panel settings	



Computer environment

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

Table 16. 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)
Vibration (maximum)*	0.24 GRMS	1.30 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 17. Self-help resources

Information about Dell products and services

www.dell.com

Dell Help & Support app



Get started app



Accessing help

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.