# Inspiron 24 5000
# Setup and Specifications

# 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.**

# Contents

# Set up your computer

**1** Set up the stand.
  – Pedestal Stand

– Articulating stand
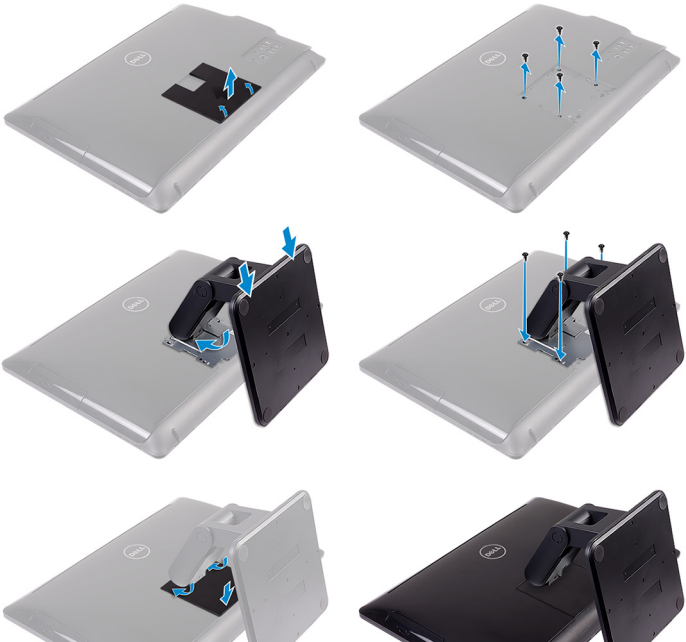
**2** Set up the keyboard and mouse.

See the documentation that shipped with the keyboard and mouse.

**3** Connect the power adapter.

– Pedestal Stand



– Articulating Stand

**4** Press the power button.

**5** Follow the instructions on the screen to finish Windows setup.

   a)  Connect to a network.



   b)  Sign-in to your Microsoft account or create a local account.
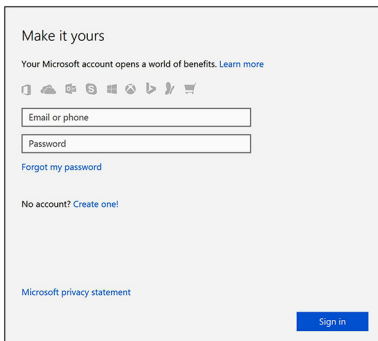
**6** Explore Dell resources on your desktop.

**Table 1. Locate Dell apps**



Register your computer

Dell Help & Support
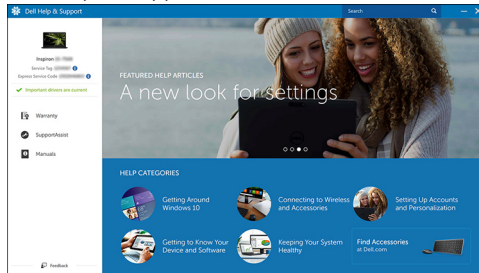






SupportAssist — Check and update your computer

# Views

## Front
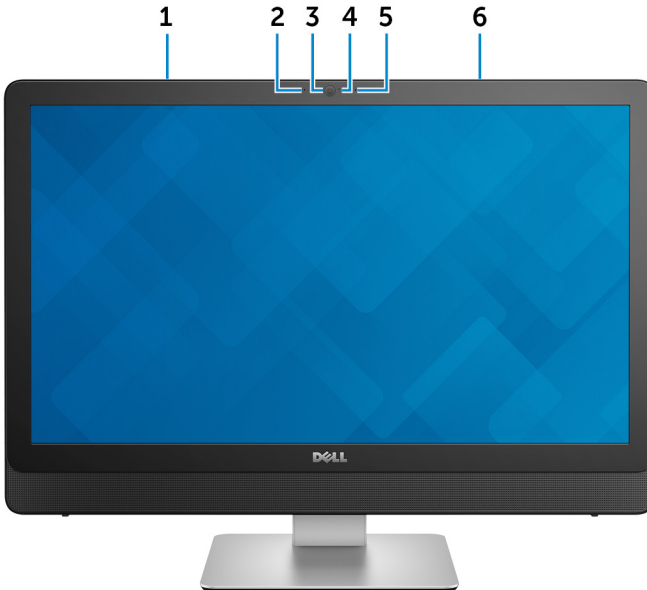


1   **Left microphone (touchscreen)**

    Provides digital sound input for audio recording and voice calls.
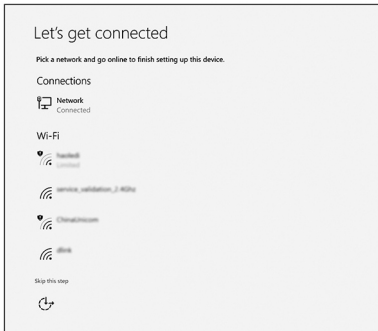
2   **Left microphone (non-touchscreen)**

    Provides digital sound input for audio recording and voice calls.

3   **Camera**

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

4   **Camera-status light**

    Turns on when the camera is in use.

5   **Right microphone (non-touchscreen)**

    Provides digital sound input for audio recording and voice calls.

6   **Right microphone (touchscreen)**

Provides digital sound input for audio recording and voice calls.

# Right



1   **Optical drive**

Reads from and writes to CDs and DVDs.

2   **Brightness control buttons (2)**

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

# Left
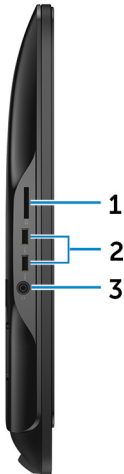


1  **Media-card reader**

   Reads from and writes to media cards.

2  **USB 3.0 ports (2)**

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

3  **Headset port**

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

# Back



1   **Audio-out port**

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

2   **HDMI-out port**

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

3   **HDMI-in port**

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

4   **USB 2.0 ports (4)**

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

5   **Network port**

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

6   **Power-adapter port**

Connect a power adapter to provide power to your computer.

7 **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.

# Tilt

**Pedestal stand**



**Articulating stand**
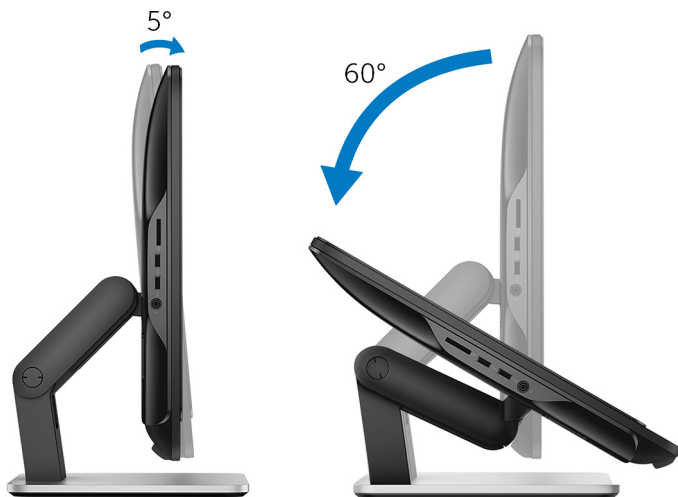
# Specifications

## System information

**Table 2. System information**

| | |
|---|---|
| Computer model | Inspiron 24-5459 |
| Processor | • 6<sup>th</sup> generation Intel Core i3/i5/i7 series<br>• 6<sup>th</sup> generation Intel Pentium |
| System chipset | H110 |

## Dimensions and weight

**Table 3. Dimensions and weight**

| | Touchscreen | Non-touchscreen |
|---|---|---|
| Height | 385.33 mm (15.17 in) | |
| Width | 576.62 mm (22.70 in) | |
| Depth | 38.20 mm (1.50 in) | 39.30 mm (1.55 in) |
| Weight (maximum) | | |
| Without stand | 6.98 kg (15.39 lb) | 5.89 kg (12.99 lb) |
| With pedestal stand | 8.30 kg (18.30 lb) | 7.11 kg (15.67 lb) |
| With articulating stand | 9.88 kg (21.78 lb) | 8.68 kg (19.14 lb) |

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

# Memory

**Table 4. Memory specifications**

| | |
|---|---|
| Slots | Two SODIMM slots |
| Type | Dual-channel DDR3L |
| Speed | Up to 1600 MHz |
| Configurations supported | 4 GB, 8 GB, 12 GB, and 16 GB |

# Ports and connectors

**Table 5. Ports and connectors specifications**

| External: | |
|---|---|
| Network | One RJ45 port |
| USB | • Four USB 2.0 ports<br>• Two USB 3.0 ports |
| Audio/Video | • One headset port<br>• One audio-out port<br>• One HDMI-out port<br>• One HDMI-in port |

**Table 6. Ports and connectors specifications**

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

# Communications

**Table 7. Communication specifications**

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

# Audio

**Table 8. Audio specifications**

| | |
|---|---|
| Controller | Realtek ALC3661 with Waves Maxx Audio Pro |
| Speakers | Two |
| Speaker Output | • Average – 3 W<br>• Peak – 3.5 W |
| Microphone | Dual Digital Microphone |
| Volume controls | Program menus |

# Storage

**Table 9. Storage specifications**

| | |
|---|---|
| Interface | • SATA 3 Gbps for optical drive<br>• SATA 6 Gbps for hard drive |
| Hard drive | One 2.5-inch drive |
| Optical drive | One 9.5-mm DVD+/-RW drive |

# Media-card reader

**Table 10. Media-card reader specifications**

| Type | One 4-in-1 slot |
|---|---|
| Cards supported | • SD card<br>• MultiMediaCard (MMC)<br>• SD Extended Capacity (SDXC) card<br>• SD High Capacity (SDHC) card |

# Camera

**Table 11. Camera specifications**

| Resolution | • Still image: 2.0 megapixels<br>• Video: 1280 x 720 (HD) at 30 fps (maximum) |
|---|---|
| Diagonal viewing angle | 74 degrees |

# VESA wall mount

**Table 12. VESA wall mount specifications**

| Type | VESA MIS-D, 100, C |
|---|---|
| Hole mount pattern | 100 x 100 mm |
| Screw type | M4 |
| Minimum clearance from wall | 20 mm (0.79 in) |

# Power adapter

**Table 13. Power adapter specifications**

| Type | • 90 W |
|---|---|

| | |
|---|---|
| | · 130 W |
| Temperature range: | |
| Operating | 0°C to 40°C (32°F to 104°F) |
| Storage | −40°C to 70°C (−40°F to 158°F) |
| Input Voltage | 100 VAC to 240 VAC |
| Input frequency | 50 Hz to 60 Hz |
| Input current (maximum) | 2.50 A |
| Output current (continuous) | 4.62 A/6.70 A |
| Rated output voltage | 19.50 VDC |

# Display

**Table 14. Display specifications**

| | |
|---|---|
| Type | · 23.8-inch FHD touchscreen<br>· 23.8-inch FHD non-touchscreen |
| Resolution (maximum) | 1920 x 1080 |
| Pixel pitch | 0.2745 mm x 0.2745 mm |
| Refresh rate | 60 Hz |
| Controls | Brightness can be controlled using the display-brightness increase/decrease buttons |
| Dimensions: | |
| Height | 317.40 mm (12.50 in) |
| Width | 543 mm (21.38 in) |
| Diagonal | 604.52 mm (23.80 in) |

# Video

**Table 15. Video specifications**

Controller:

|  |  |
| --- | --- |
| Integrated | Intel HD Graphics 530 |
| Discrete | Nvidia GeForce 930M |

Memory:

|  |  |
| --- | --- |
| Integrated | Shared system memory |
| Discrete | 4 GB GDDR3 |

# Stand

**Table 16. Stand**

|  | Pedestal | Articulating |
| --- | --- | --- |
| Height | 215.20 mm (8.47 in) | 205.28 mm (8.08 in) |
| Width | 225.42 mm (8.87 in) | 250 mm (9.84 in) |
| Depth | 205.60 mm (8.09 in) | 226.46 mm (8.92 in) |

# Computer environment

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

**Table 17. Computer environment**

|  | 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[‡] |

|  | Operating | Storage |
|---|---|---|
| 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 | |
| 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<br>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.<br>2 At the top-right corner, type the subject or keyword in the **Search** box.<br>3 Click **Search** to retrieve the related articles. |
| Learn and know the following information about your product:<br><br>• Product specifications | See *Me and My Dell* at www.dell.com/support/manuals. |

- 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** into the search bar.

# Contacting Dell

To contact Dell for sales, technical support, or customer service issues, see [www.dell.com/contactdell](http://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.

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[http://aubethermostatmanual.com](http://aubethermostatmanual.com)

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