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.
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Set up your computer

1  Set up the stand.
   Pedestal 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.
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.
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](http://www.dell.com/support/manuals).
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

<table>
<thead>
<tr>
<th></th>
<th>With easel stand</th>
<th>With pedestal stand</th>
<th>Without stand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Touch screen</td>
<td>55.85 mm (2.20 in)</td>
<td>205.60 mm (8.09 in)</td>
<td>33.10 mm (1.30 in)</td>
</tr>
<tr>
<td>Non-touch screen</td>
<td>56.95 mm (2.24 in)</td>
<td>205.60 mm (8.09 in)</td>
<td>34.20 mm (1.35 in)</td>
</tr>
</tbody>
</table>

Weight
(maximum)

<table>
<thead>
<tr>
<th></th>
<th>Touch screen</th>
<th>Non-touch screen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Touch screen</td>
<td>5.35 kg (11.78 lb)</td>
<td>7.18 kg (15.81 lb)</td>
</tr>
<tr>
<td>Non-touch screen</td>
<td>4.91 kg (10.81 lb)</td>
<td>6.26 kg (13.79 lb)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th></th>
<th>Integrated</th>
<th>Discrete</th>
</tr>
</thead>
<tbody>
<tr>
<td>Controller</td>
<td>Integrated in processor</td>
<td>Nvidia GeForce 920M</td>
</tr>
<tr>
<td>Memory</td>
<td>Shared system memory</td>
<td>2 GB GDDR5</td>
</tr>
</tbody>
</table>

### Audio

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Controller</td>
<td>Realtek ALC3661 Waves MaxxAudio Pro</td>
</tr>
<tr>
<td>Speakers</td>
<td>Two</td>
</tr>
<tr>
<td>Speaker Output</td>
<td>• Average – 3 W</td>
</tr>
<tr>
<td></td>
<td>• Peak – 3.5 W</td>
</tr>
<tr>
<td>Microphone</td>
<td>Integrated Single Digital Microphone</td>
</tr>
<tr>
<td>Volume controls</td>
<td>Program menus</td>
</tr>
</tbody>
</table>

### Storage

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Interface</td>
<td>• SATA 3 Gbps for optical drive</td>
</tr>
<tr>
<td></td>
<td>• SATA 6 Gbps for hard drive</td>
</tr>
<tr>
<td>Hard drive</td>
<td>One 2.5-inch drive</td>
</tr>
<tr>
<td>Optical drive</td>
<td>One 9.5-mm DVD+/-RW drive (optional)</td>
</tr>
</tbody>
</table>

### Media-card reader

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>One 4-in-1 slot</td>
</tr>
<tr>
<td>Cards supported</td>
<td>• SD card</td>
</tr>
<tr>
<td></td>
<td>• MultiMediaCard (MMC)</td>
</tr>
<tr>
<td></td>
<td>• SD Extended Capacity (SDXC) card</td>
</tr>
<tr>
<td></td>
<td>• SD High Capacity (SDHC) card</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th></th>
<th>Easel</th>
<th>Pedestal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>175 mm (6.89 in)</td>
<td>228.5 mm (9.0 in)</td>
</tr>
<tr>
<td>Width</td>
<td>120 mm (4.72 in)</td>
<td>225.6 mm (8.88 in)</td>
</tr>
<tr>
<td>Depth</td>
<td>22.76 mm (0.90 in)</td>
<td>205.6 mm (8.09 in)</td>
</tr>
<tr>
<td>Weight</td>
<td>0.63 kg (1.39 lb)</td>
<td>1.81 kg (3.99 lb)</td>
</tr>
</tbody>
</table>
## Power adapter

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

## Computer environment

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

<table>
<thead>
<tr>
<th>Operating</th>
<th>Storage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature range</td>
<td>0°C to 35°C (32°F to 95°F)</td>
</tr>
<tr>
<td>Relative humidity (maximum)</td>
<td>10% to 90% (non-condensing)</td>
</tr>
<tr>
<td>Vibration (maximum)*</td>
<td>0.66 GRMS</td>
</tr>
<tr>
<td>Shock (maximum) †</td>
<td>110 G‡</td>
</tr>
<tr>
<td>Altitude (maximum)</td>
<td>−15.2 m to 3048 m (−50 ft to 10,000 ft)</td>
</tr>
</tbody>
</table>

* 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.