Inspiron 14 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.

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Contents

Set up your computer .......................................................... 5

Views ..................................................................................... 8
Front .................................................................................... 8
Left ...................................................................................... 8
Right ..................................................................................... 9
Base ..................................................................................... 10
Display .................................................................................. 11
Back ..................................................................................... 12

Specifications ......................................................................... 13
Dimensions and weight .......................................................... 13
System information ................................................................. 13
Memory .................................................................................. 13
Ports and connectors ............................................................... 14
Communications .................................................................... 14
Audio ...................................................................................... 14
Storage ................................................................................... 15
Media-card reader ................................................................. 15
Keyboard ................................................................................ 15
Camera ................................................................................... 16
Touch pad ................................................................................ 16
Power adapter ......................................................................... 16
Battery .................................................................................... 17
Display .................................................................................. 17
Video ...................................................................................... 18
Computer environment ......................................................... 18
Keyboard shortcuts ................................................................. 19

Getting help and contacting Dell ............................................. 21
  Self-help resources ............................................................. 21
  Contacting Dell .................................................................. 22
Set up your computer

1. Connect the power adapter and press the power button.
2 Finish operating system setup.

**For Windows:**

a) Connect to a wireless network.

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

**For Ubuntu:**

Follow the instructions on the screen to finish setup.
3  Locate Dell apps.

Register your computer

Dell Help & Support

SupportAssist — Check and update your computer
Views

Front

1. **Power and battery-status light/hard-drive activity light**
   Indicates the battery-charge status or the hard-drive activity.

   **NOTE:** Press Fn+H to toggle between the power and battery-status light, and hard-drive activity light.

**Hard-drive activity light**
Turns on when the computer reads from or writes to the hard drive.

**Power and battery-status light**
Indicates the power and battery-charge status.

- **Solid white** — Power adapter is connected and the battery has more than 5% charge.
- **Amber** — Computer is running on battery and the battery has less than 5% charge.
- **Off**
  - Power adapter is connected and the battery is fully charged.
  - Computer is running on battery and the battery has more than 5% charge.
  - Computer is in sleep state, hibernation, or turned off.

Left
1  **Power-adapter port**
Connect a power adapter to provide power to your computer and charge the battery.

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

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

4  **USB 3.0 port**
Connect peripherals such as external storage devices and printers. Provides data transfer speeds up to 5 Gbps.

5  **SD-card slot**
Reads from and writes to the SD card.

**Right**

1  **Headset port**
Connect headphones or a headset (headphone and microphone combo).

2  **USB 2.0 ports (2)**
Connect peripherals such as external storage devices and printers. Provides data transfer speeds up to 480 Mbps.

3  **Optical drive**
Reads from and writes to CDs and DVDs.

4  **Security-cable slot**
Connect a security cable to prevent unauthorized movement of your computer.
1 **Left-click area**
Press to left-click.

2 **Touchpad**
Move your finger on the touchpad to move the mouse pointer. Tap to left-click and two finger tap to right-click.

3 **Right-click area**
Press to right-click.

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.
1. **Left microphone**
   Provides digital sound input for audio recording and voice calls.

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

3. **Camera-status light**
   Turns on when the camera is in use.

4. **Right microphone**
   Provides digital sound input for audio recording and voice calls.
1 **Battery**

Supplies power to the computer. It enables the computer to work without connecting to an electrical outlet for a limited time.

2 **Regulatory label (in battery bay)**

Contains regulatory information of your computer.

3 **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.

4 **Battery-release latch**

Lock/unlock the battery in the battery bay. Slide the latch to the unlock position, to release the battery.
Specifications

Dimensions and weight

Height 23.35 mm (0.92 in)
Width 345 mm (13.59 in)
Depth 243 mm (9.57 in)
Weight (maximum) 2.11 kg (4.65 lb)

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

System information

Computer model Inspiron 14-5468
Processor
• Intel Celeron Dual Core
• 6th Generation Intel Core i3
• 7th Generation Intel Core i3/i5/i7
Chipset Integrated in the processor

Memory

Slots Two SODIMM slots
Type DDR4
Speed Up to 2133 MHz
Configurations supported

Per memory module slot 2 GB, 4 GB, and 8 GB
Total memory 4 GB, 6 GB, and 8 GB
## Ports and connectors

**Network**
- One RJ-45 port

**USB**
- Two USB 2.0 ports
- One USB 3.0 port

**Audio/Video**
- One HDMI port
- One headset port (headphone and microphone combo)

## Communications

**Ethernet**
- 10/100 Mbps Ethernet controller integrated on system board

**Wireless**
- Wi-Fi 802.11 ac
- Wi-Fi 802.11b/g/n
- Bluetooth 4.0/4.1/4.2
- Wi-Fi Display Support (Wi-Fi Alliance)
- Miracast

## Audio

**Controller**
- Realtek ALC3234 with Waves MaxxAudio

**Speakers**
- Two

**Speaker output**
- Average – 2 W
- Peak – 2.2 W

**Microphone**
- Digital-array microphones

**Volume controls**
- Media-control shortcut keys
Storage

Interface  
SATA 6 Gbps

Hard drive  
One 2.5-inch drive (supports Intel Smart Response Technology)

Optical drive  
One 9.5 mm DVD+/−RW drive

Media-card reader

Type  
One SD-card slot

Cards supported
• SD card
• SD High Capacity (SDHC)
• SD Extended Capacity (SDXC)

Keyboard

Type  
Non-backlit keyboard

Shortcut keys
Some keys on your keyboard have two symbols on them. These keys can be used to type alternate characters or to perform secondary functions. To type the alternate character, press Shift and the desired key. To perform secondary functions, press Fn and the desired key.

NOTE: You can define the primary behavior of the function keys (F1– F12) by changing Function Key Behavior in BIOS setup program.

Keyboard shortcuts
Camera

Resolution

- Still image: 0.92 megapixel
- Video: 1280 x 720 (HD) at 30 fps

Diagonal viewing angle 74 degrees

Touch pad

Resolution

- Horizontal: 1223
- Vertical: 745

Dimensions

- Height: 65 mm (2.56 in)
- Width: 105 mm (4.13 in)

Power adapter

<table>
<thead>
<tr>
<th>Type</th>
<th>45 W</th>
<th>65 W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input current (maximum)</td>
<td>1.30 A</td>
<td>1.70 A</td>
</tr>
<tr>
<td>Output current</td>
<td>2.31 A</td>
<td>3.34 A</td>
</tr>
<tr>
<td>(continuous)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Input voltage</td>
<td>100 VAC–240 VAC</td>
<td></td>
</tr>
<tr>
<td>Input frequency</td>
<td>50 Hz–60 Hz</td>
<td></td>
</tr>
<tr>
<td>Rated output voltage</td>
<td>19.50 VDC</td>
<td></td>
</tr>
<tr>
<td>Temperature range:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating</td>
<td>0°C to 40°C (32°F to 104°F)</td>
<td></td>
</tr>
<tr>
<td>Storage</td>
<td>−40°C to 70°C (−40°F to 158°F)</td>
<td></td>
</tr>
</tbody>
</table>
## Battery

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>4-cell “smart” lithium-ion (40 WHr)</td>
</tr>
<tr>
<td>Operating time</td>
<td>Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.</td>
</tr>
<tr>
<td>Life span (approximate)</td>
<td>300 discharge/charge cycles</td>
</tr>
<tr>
<td>Temperature range: Operating</td>
<td>0°C to 35°C (32°F to 95°F)</td>
</tr>
<tr>
<td>Temperature range: Storage</td>
<td>–40°C to 65°C (–40°F to 149°F)</td>
</tr>
<tr>
<td>Coin-cell battery</td>
<td>CR-2032</td>
</tr>
<tr>
<td>Dimensions:</td>
<td></td>
</tr>
<tr>
<td>Width</td>
<td>270 mm (10.63 in)</td>
</tr>
<tr>
<td>Depth</td>
<td>37.50 mm (1.47 in)</td>
</tr>
<tr>
<td>Height</td>
<td>20 mm (0.78 in)</td>
</tr>
<tr>
<td>Weight (maximum)</td>
<td>0.25 kg (0.56 lb)</td>
</tr>
<tr>
<td>Voltage</td>
<td>14.8 VDC</td>
</tr>
</tbody>
</table>

## Display

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>14-inch HD WLED</td>
</tr>
<tr>
<td>Resolution (maximum)</td>
<td>1366 X 768</td>
</tr>
<tr>
<td>Pixel pitch</td>
<td>0.2265 mm</td>
</tr>
<tr>
<td>Refresh rate</td>
<td>60 Hz</td>
</tr>
<tr>
<td>Operating angle</td>
<td>0 degree (closed) to 135 degrees</td>
</tr>
<tr>
<td>Controls</td>
<td>Brightness can be controlled using shortcut keys</td>
</tr>
<tr>
<td>Dimensions:</td>
<td></td>
</tr>
<tr>
<td>Height (excluding bezel)</td>
<td>173.95 mm (6.85 in)</td>
</tr>
</tbody>
</table>
Width (excluding bezel) 309.40 mm (12.18 in)
Diagonal (excluding bezel) 354.95 mm (13.98 in)

### Video

<table>
<thead>
<tr>
<th></th>
<th>Integrated</th>
<th>Discrete</th>
</tr>
</thead>
<tbody>
<tr>
<td>Controller</td>
<td>• Intel HD Graphics</td>
<td>AMD Radeon R7 M440</td>
</tr>
<tr>
<td></td>
<td>• Intel HD Graphics 520</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Intel HD Graphics 620</td>
<td></td>
</tr>
<tr>
<td>Memory</td>
<td>Shared system memory</td>
<td>Up to 2 GB DDR3</td>
</tr>
</tbody>
</table>

### Computer environment

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

<table>
<thead>
<tr>
<th></th>
<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>
<td>–40°C to 65°C (–40°F to 149°F)</td>
</tr>
<tr>
<td>Relative humidity (maximum)</td>
<td>10% to 90% (non-condensing)</td>
<td>0% to 95% (non-condensing)</td>
</tr>
<tr>
<td>Vibration (maximum)*</td>
<td>0.66 GRMS</td>
<td>1.30 GRMS</td>
</tr>
<tr>
<td>Shock (maximum)</td>
<td>110 G†</td>
<td>160 G‡</td>
</tr>
<tr>
<td>Altitude (maximum)</td>
<td>–15.2 m to 3048 m (–50 ft to 10,000 ft)</td>
<td>–15.2 m to 10,668 m (–50 ft to 35,000 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.
# Keyboard shortcuts

<table>
<thead>
<tr>
<th>Keys</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>F1</td>
<td>Mute audio</td>
</tr>
<tr>
<td>F2</td>
<td>Decrease volume</td>
</tr>
<tr>
<td>F3</td>
<td>Increase volume</td>
</tr>
<tr>
<td>F4</td>
<td>Play previous track/chapter</td>
</tr>
<tr>
<td>F5</td>
<td>Play/Pause</td>
</tr>
<tr>
<td>F6</td>
<td>Play next track/chapter</td>
</tr>
<tr>
<td>F8</td>
<td>Switch to external display</td>
</tr>
<tr>
<td>F9</td>
<td>Search</td>
</tr>
<tr>
<td>F11</td>
<td>Decrease brightness</td>
</tr>
<tr>
<td>F12</td>
<td>Increase brightness</td>
</tr>
<tr>
<td>Fn + PrtScr</td>
<td>Turn off/on wireless</td>
</tr>
<tr>
<td>Fn + Insert</td>
<td>Sleep</td>
</tr>
<tr>
<td>Fn + H</td>
<td>Toggle between power and battery-status light/hard-drive activity light</td>
</tr>
<tr>
<td>Fn + Esc</td>
<td>Toggle Fn-key lock</td>
</tr>
<tr>
<td>Fn + End</td>
<td>End</td>
</tr>
<tr>
<td>Keys</td>
<td>Description</td>
</tr>
<tr>
<td>----------</td>
<td>-----------------</td>
</tr>
<tr>
<td>Fn + ←Home</td>
<td>Home</td>
</tr>
<tr>
<td>Fn + ↓PgDn</td>
<td>Page down</td>
</tr>
<tr>
<td>Fn + ↑PgUp</td>
<td>Page up</td>
</tr>
</tbody>
</table>
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 1. Self-help resources.

<table>
<thead>
<tr>
<th>Information about Dell products and services</th>
<th><a href="http://www.dell.com">www.dell.com</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Windows 8.1 and Windows 10</td>
<td>Dell Help &amp; Support app</td>
</tr>
<tr>
<td>Windows 10</td>
<td>Get started app</td>
</tr>
<tr>
<td>Windows 8.1</td>
<td>Help + Tips app</td>
</tr>
<tr>
<td>Accessing help in Windows 8, Windows 8.1, and Windows 10</td>
<td>In Windows search, type Help and Support, and press Enter.</td>
</tr>
<tr>
<td>Accessing help in Windows 7</td>
<td>Click Start → Help and Support.</td>
</tr>
<tr>
<td>Online help for operating system</td>
<td><a href="http://www.dell.com/support/windows">www.dell.com/support/windows</a></td>
</tr>
<tr>
<td></td>
<td><a href="http://www.dell.com/support/linux">www.dell.com/support/linux</a></td>
</tr>
<tr>
<td></td>
<td><a href="http://www.dell.com/support">www.dell.com/support</a></td>
</tr>
<tr>
<td>Troubleshooting information, user manuals, setup instructions, product specifications, technical help blogs, drivers, software updates, and so on.</td>
<td></td>
</tr>
<tr>
<td>Learn about your operating system, setting up and using your computer, data backup, diagnostics, and so on.</td>
<td>See Me and My Dell at <a href="http://www.dell.com/support/manuals">www.dell.com/support/manuals</a>.</td>
</tr>
</tbody>
</table>
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.