Inspiron 15
5000 Series 2-in-1
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. Connect the power adapter and press the power button.
2 Finish operating system setup.

For Windows
a) Enable security and Dell updates.

b) Connect to a wireless network.

c) Sign-in to your Microsoft account or create a new 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 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 this light between 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 2 3 4 5
1 **Power-adapter port**
Connect a power adapter to provide power to your computer and charge the battery.

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

3 **USB 3.0 port with PowerShare**
Connect peripherals such as storage devices, printers, and so on. Provides data transfer speeds up to 5 Gbps.
PowerShare allows you to charge your USB devices even when your computer is turned off.

- **NOTE:** If your computer is powered 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 powered off or in sleep state. In such cases, turn on the computer to charge the device.

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

5 **Headset port**
Connect a headphone, a microphone, or a headset (headphone and microphone combo).

**Right**

1 **Power button**
Press to turn on the computer if it is turned off or in sleep 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.

2 Volume-control buttons
Press to increase or decrease the volume.

3 Media-card reader
Reads from and writes to media cards.

4 USB 2.0 port
Connect peripherals such as storage devices, printers, and so on. Provides data transfer speeds up to 480 Mbps.

5 Security-cable slot
Connect a security cable to prevent unauthorized movement of your computer.

Base

1 Left-click area
Press to left-click.

2 Touch pad
Move your finger on the touch pad to move the mouse pointer. Tap to left-click and two finger tap to right-click.
3 **Right-click area**
Press to right-click.

**Display**

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

2 **Infrared emitter (optional)**
Emits infrared light, which allows the infrared camera to sense depth and track motion.

3 **Infrared camera (optional)**
Allows you to video chat, capture photos, and record videos. Depth-sensing feature of the camera enhances security when paired with Windows Hello.

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

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

5 **Right microphone**
Provides digital sound input for audio recording, voice calls, and so on.

6 **Service tag location**

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

**Modes**

**Notebook**

![Notebook Image]

**Tablet**

![Tablet Image]
Specifications

Dimensions and weight

<table>
<thead>
<tr>
<th>Specification</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>20.20 mm (0.80 in)</td>
</tr>
<tr>
<td>Width</td>
<td>380.90 mm (15 in)</td>
</tr>
<tr>
<td>Depth</td>
<td>253.10 mm (9.96 in)</td>
</tr>
<tr>
<td>Weight (maximum)</td>
<td>2.09 kg (4.61 lb)</td>
</tr>
</tbody>
</table>

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

System information

Computer model
Inspiron 15–5568

Processor
- 6th Generation Intel Core i3/i5/i7
- Intel Celeron Dual Core
- Intel Pentium Dual Core

Chipset
Integrated in processor

Memory

Slots
Two SODIMM slots

Type
Dual-channel DDR4

Speed
2133 MHz

Configurations supported
4 GB, 8 GB, 12 GB, and 16 GB
Ports and connectors

External:

USB
- One USB 3.0 port with PowerShare
- One USB 3.0 port
- One USB 2.0 port

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

Internal:

M.2 Slot
One M.2 slot for Wi-Fi and Bluetooth combo card

Communications

Wireless
- Wi-Fi 802.11 ac
- Bluetooth 4.0
- Bluetooth 4.1 (optional)
- Miracast
- Intel WiDi

Video

Controller
- Intel HD Graphics 510 - Intel Celeron and Pentium
- Intel HD Graphics 520 - Intel Core i3/i5/i7
- Intel Iris Graphics 540 - Intel Core i7

Memory
Shared system memory
Audio

Controller
Realtek ALC3253 with Waves MaxxAudio Pro

Speakers
Two

Output
- Average – 2 W
- Peak – 2.5 W

Microphone
Digital-array microphones in camera assembly

Volume controls
Media-control shortcut keys and volume-control buttons

Storage

Interface
SATA 6 Gbps

Hard drive
One 2.5-inch drive

Solid-state drive
One 2.5-inch drive

Media-card reader

Type
One SD card slot

Cards supported
SD card

Display

Type
15.6-inch FHD touch screen

Resolution (maximum)
1920 x 1080

Pixel pitch
0.17925 mm

Refresh rate
60 Hz

Operating angle
0 degrees (closed) to 360 degrees
Viewing angle 160 degrees

Controls
Brightness can be controlled using shortcut keys

Height 193.59 mm (7.62 in)
Width 344.16 mm (13.55 in)
Diagonal 396.24 mm (15.60 in)

Keyboard

Type
- Backlit keyboard
- Standard 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 shortcut keys by pressing Fn+Esc or by changing Function Key Behavior in System Setup.

Camera

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

Diagonal viewing angle 74 degrees
**Touch pad**

- Resolution:
  - Horizontal: 1260
  - Vertical: 960

- Dimensions:
  - Height: 80 mm (3.15 in)
  - Width: 105 mm (4.13 in)

**Battery**

- Type: 3-cell 42 WHr smart lithium ion
- Dimension: Width: 97.15 mm (3.82 in)
- Dimension: Depth: 184.15 mm (7.25 in)
- Dimension: Height: 5.90 mm (0.23 in)
- Weight (maximum): 0.20 kg (0.44 lb)
- Voltage: 11.40 VDC
- Operating time: Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.
- Life span (approximate): 300 discharge/charge cycles
- Temperature range: Operating: 0°C to 35°C (32°F to 95°F)
- Temperature range: Storage: –40°C to 65°C (–40°F to 149°F)
- Coin-cell battery: CR-2032

**Power adapter**

- Type: 45 W/65 W
- Input voltage: 100 VAC–240 VAC
- Input frequency: 50 Hz–60 Hz
Input current (maximum)  1.30 A/1.60 A/1.70 A
Output current (continuous)  2.31 A/3.34 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)

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</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>–15.20 m to 3048 m (–50 ft to 10,000 ft)</td>
<td>–15.20 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>Icons</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Mute audio" /></td>
<td>Mute audio</td>
</tr>
<tr>
<td><img src="image" alt="Decrease volume" /></td>
<td>Decrease volume</td>
</tr>
<tr>
<td><img src="image" alt="Increase volume" /></td>
<td>Increase volume</td>
</tr>
<tr>
<td><img src="image" alt="Play previous track/chapter" /></td>
<td>Play previous track/chapter</td>
</tr>
<tr>
<td><img src="image" alt="Play/Pause" /></td>
<td>Play/Pause</td>
</tr>
<tr>
<td><img src="image" alt="Play next track/chapter" /></td>
<td>Play next track/chapter</td>
</tr>
<tr>
<td><img src="image" alt="Switch to external display" /></td>
<td>Switch to external display</td>
</tr>
<tr>
<td><img src="image" alt="Search" /></td>
<td>Search</td>
</tr>
<tr>
<td><img src="image" alt="Toggle keyboard backlight" /></td>
<td>Toggle keyboard backlight</td>
</tr>
<tr>
<td><img src="image" alt="Decrease brightness" /></td>
<td>Decrease brightness</td>
</tr>
<tr>
<td><img src="image" alt="Increase brightness" /></td>
<td>Increase brightness</td>
</tr>
<tr>
<td><img src="image" alt="Turn off/on wireless" /></td>
<td>Turn off/on wireless</td>
</tr>
<tr>
<td><img src="image" alt="Toggle scroll lock" /></td>
<td>Toggle scroll lock</td>
</tr>
<tr>
<td><img src="image" alt="Toggle Fn-key lock" /></td>
<td>Toggle Fn-key lock</td>
</tr>
<tr>
<td><img src="image" alt="Pause/Break" /></td>
<td>Pause/Break</td>
</tr>
<tr>
<td>Icons</td>
<td>Description</td>
</tr>
<tr>
<td>------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Fn + Insert</td>
<td>Sleep</td>
</tr>
<tr>
<td>Fn + R</td>
<td>System request</td>
</tr>
<tr>
<td>Fn + Ctrl</td>
<td>Open application menu</td>
</tr>
<tr>
<td>Fn + H</td>
<td>Toggle between power and battery-status light/hard-drive activity light</td>
</tr>
<tr>
<td>Fn +└Home</td>
<td>Home</td>
</tr>
<tr>
<td>Fn + End</td>
<td>End</td>
</tr>
<tr>
<td>Fn + ↓PgUp</td>
<td>Page up</td>
</tr>
<tr>
<td>Fn + ↑PgDn</td>
<td>Page down</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:

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.