Inspiron 15 7000
2-in-1
Setup and Specifications

Computer Model: Inspiron 15-7579
Regulatory Model: P58F
Regulatory Type: P58F001
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. Follow the instructions on the screen to finish Windows setup:
   a) Enable security and Dell updates.
   b) Connect to a wireless network.
   c) Sign-in to your Microsoft account or create a new account.
3 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 Power-adapter port
Connect a power adapter to provide power to your computer and charge the battery.
2  **USB Type-C port**
Connect peripherals such as external storage devices, printers, and external displays. Provides data transfer speeds up to 5 Gbps.
Supports Power Delivery that enables two-way power supply between devices. Provides up to 15 W power output that enables faster charging.

⚠️ **NOTE:** Adapters (sold separately) are required to connect standard USB and DisplayPort devices.

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

4  **USB 3.0 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  **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.
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 and printers. 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 and voice calls.

2  **Infrared emitter**
   Emits infrared light, which enables the infrared camera to sense depth and track motion.

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

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

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

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

7  **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**

**Tablet**
Specifications

Dimensions and weight

Height 18.90 mm (0.75 in)
Width 378.90 mm (14.92 in)
Depth 252.50 mm (9.94 in)
Weight (maximum) 2.20 kg (4.85 lb)

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

System information

Computer model Inspiron 15-7579
Processor
• 7th generation Intel Core i5
• 7th generation Intel Core i7
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 2.0 port  
     | - One USB Type-C port |
| --- | - One HDMI port  
    | - One headset (headphone and microphone combo) port |

### Internal:

| M.2 Card | One M.2 slot for SSD card |

## Communications

### Wireless

- Wi-Fi 802.11 ac  
- Bluetooth 4.0  
- Miracast  
- Intel WiDi

## Video

### Controller

- Intel HD Graphics 620 - Intel Core i5/i7  
- Intel Iris Graphics 640 - Intel Core i7

### Memory

Shared system memory
## Audio

<table>
<thead>
<tr>
<th>Controller</th>
<th>Realtek ALC3253 with Waves MaxxAudio Pro</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speakers</td>
<td>Two</td>
</tr>
<tr>
<td>Speaker output</td>
<td>• Average – 2 W</td>
</tr>
<tr>
<td></td>
<td>• Peak – 2.5 W</td>
</tr>
<tr>
<td>Microphone</td>
<td>Digital-array microphones in camera assembly</td>
</tr>
<tr>
<td>Volume controls</td>
<td>Media-control shortcut keys and volume-control buttons</td>
</tr>
</tbody>
</table>

## Storage

<table>
<thead>
<tr>
<th>Interface</th>
<th>SATA 6 Gbps</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid-state drive</td>
<td>One M.2 drive</td>
</tr>
</tbody>
</table>

## Media-card reader

<table>
<thead>
<tr>
<th>Type</th>
<th>One SD-card slot</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cards supported</td>
<td>SD card</td>
</tr>
</tbody>
</table>

## Keyboard

<table>
<thead>
<tr>
<th>Type</th>
<th>Backlit keyboard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shortcut keys</td>
<td>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.</td>
</tr>
</tbody>
</table>
NOTE: You can define the primary behavior of the shortcut keys by pressing Fn+Esc or by changing Function Key Behavior in System Setup.

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: 1260
- Vertical: 960

Dimensions

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

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)
## Display

<table>
<thead>
<tr>
<th>Feature</th>
<th>15.6-inch FHD touch screen</th>
<th>15.6-inch UHD touch screen</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>15.6-inch FHD touch screen</td>
<td>15.6-inch UHD touch screen</td>
</tr>
<tr>
<td>Resolution (maximum)</td>
<td>1920 x 1080</td>
<td>3840 x 2160 (Green Technology)</td>
</tr>
<tr>
<td>Pixel pitch</td>
<td>0.17925 mm</td>
<td>0.0897 mm</td>
</tr>
<tr>
<td>Refresh rate</td>
<td>60 Hz</td>
<td></td>
</tr>
<tr>
<td>Operating angle</td>
<td>0 degrees (closed) to 360 degrees</td>
<td></td>
</tr>
<tr>
<td>Viewing angle</td>
<td>160 degrees</td>
<td></td>
</tr>
<tr>
<td>Controls</td>
<td>Brightness can be controlled using shortcut keys</td>
<td></td>
</tr>
<tr>
<td>Height</td>
<td>193.59 mm (7.62 in)</td>
<td>193.75 mm (7.63 in)</td>
</tr>
<tr>
<td>Width</td>
<td>344.16 mm (13.55 in)</td>
<td>344.45 mm (13.56 in)</td>
</tr>
<tr>
<td>Diagonal</td>
<td>396.24 mm (15.60 in)</td>
<td>396.24 mm (15.60 in)</td>
</tr>
</tbody>
</table>

## Battery

<table>
<thead>
<tr>
<th>Feature</th>
<th>3-cell 42 WHr smart lithium ion</th>
<th>4-cell 56 WHr smart lithium ion</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>3-cell 42 WHr smart lithium ion</td>
<td>4-cell 56 WHr smart lithium ion</td>
</tr>
<tr>
<td>Operating time</td>
<td>Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.</td>
<td></td>
</tr>
<tr>
<td>Life span (approximate)</td>
<td>300 discharge/charge cycles</td>
<td></td>
</tr>
<tr>
<td>Temperature range:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating</td>
<td>0°C to 35°C (32°F to 95°F)</td>
<td></td>
</tr>
<tr>
<td>Storage</td>
<td>−40°C to 65°C (−40°F to 149°F)</td>
<td></td>
</tr>
<tr>
<td>Coin-cell battery</td>
<td>CR-2032</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Feature</th>
<th>3-cell</th>
<th>4-cell</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>97.15 mm (3.82 in)</td>
<td>98.20 mm (3.87 in)</td>
</tr>
<tr>
<td>Depth</td>
<td>184.15 mm (7.25 in)</td>
<td>233.37 mm (9.19 in)</td>
</tr>
<tr>
<td></td>
<td>Operating</td>
<td>Storage</td>
</tr>
<tr>
<td>------------------</td>
<td>----------------------------</td>
<td>---------------------------</td>
</tr>
<tr>
<td><strong>Height</strong></td>
<td>5.90 mm (0.23 in)</td>
<td>5.90 mm (0.23 in)</td>
</tr>
<tr>
<td><strong>Weight (maximum)</strong></td>
<td>0.20 kg (0.44 lb)</td>
<td>0.25 kg (0.55 lb)</td>
</tr>
<tr>
<td><strong>Voltage</strong></td>
<td>11.40 VDC</td>
<td>15.20 VDC</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><strong>Temperature range</strong></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><strong>Relative humidity (maximum)</strong></td>
<td>10% to 90% (non-condensing)</td>
<td>0% to 95% (non-condensing)</td>
</tr>
<tr>
<td><strong>Vibration (maximum)</strong> *</td>
<td>0.66 GRMS</td>
<td>1.30 GRMS</td>
</tr>
<tr>
<td><strong>Shock (maximum)</strong></td>
<td>110 G†</td>
<td>160 G‡</td>
</tr>
<tr>
<td><strong>Altitude (maximum)</strong></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>Keys</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mute audio</td>
</tr>
<tr>
<td></td>
<td>Decrease volume</td>
</tr>
<tr>
<td></td>
<td>Increase volume</td>
</tr>
<tr>
<td></td>
<td>Play previous track/chapter</td>
</tr>
<tr>
<td></td>
<td>Play/Pause</td>
</tr>
<tr>
<td></td>
<td>Play next track/chapter</td>
</tr>
<tr>
<td></td>
<td>Switch to external display</td>
</tr>
<tr>
<td></td>
<td>Search</td>
</tr>
<tr>
<td></td>
<td>Toggle keyboard backlight</td>
</tr>
<tr>
<td></td>
<td>Decrease brightness</td>
</tr>
<tr>
<td></td>
<td>Increase brightness</td>
</tr>
<tr>
<td></td>
<td>Turn off/on wireless</td>
</tr>
<tr>
<td></td>
<td>Toggle scroll lock</td>
</tr>
<tr>
<td></td>
<td>Toggle Fn-key lock</td>
</tr>
<tr>
<td></td>
<td>Pause/Break</td>
</tr>
<tr>
<td></td>
<td>Sleep</td>
</tr>
<tr>
<td>Keys</td>
<td>Description</td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------------------------</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.