Inspiron 15 7000

Setup and Specifications

Notes, cautions, and warnings

(i) **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.**
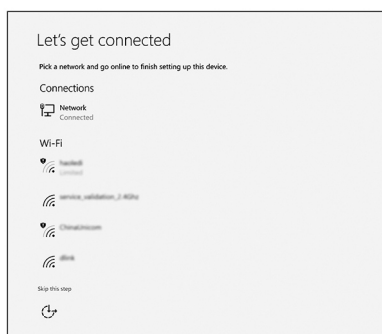
Contents

Set up your Inspiron 15-7560

1. Connect the power adapter and press the power button.

2. Finish operating system setup.

   For Windows:
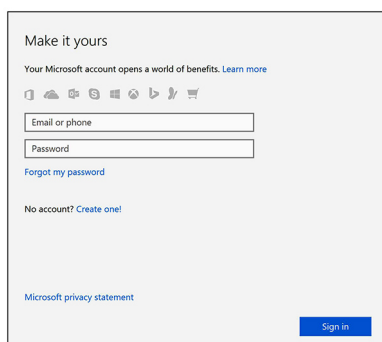
   a. Connect to a network.

   Let's get connected
   Pick a network and go online to finish setting up this device.
   Connections
   Network
   Connected
   Wi-Fi

   Skip this step

   > ⓘ **NOTE:** If you are connecting to a secured wireless network, enter the password for the wireless network access when prompted.

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

   Make it yours
   Your Microsoft account opens a world of benefits. Learn more

   Email or phone
   Password
   Forgot my password

   No account? Create one!

   Microsoft privacy statement

   Sign in

   For Ubuntu:

   Follow the instructions on the screen to finish setup.

3. Explore Dell resources on your desktop.

Table 1. Locate Dell apps (continued)

| Resources	Description
	My Dell Centralized location for key Dell applications, help articles, and other important information about your computer. It also notifies you about the warranty status, recommended accessories, and software updates if available.
	SupportAssist Pro-actively checks the health of your computer's hardware and software. The SupportAssist OS Recovery tool troubleshoots issues with the operating system. For more information, see the SupportAssist documentation at www.dell.com/support.

Table 1. Locate Dell apps

Resources	Description
	ⓘ **NOTE:** In SupportAssist, click the warranty expiry date to renew or upgrade your warranty.
	Dell Update Updates your computer with critical fixes and latest device drivers as they become available. For more information about using Dell Update, see the knowledge base article SLN305843 at www.dell.com/support.
	Dell Digital Delivery Download software applications, which are purchased but not pre-installed on your computer. For more information about using Dell Digital Delivery, see the knowledge base article 153764 at www.dell.com/support.

Views of Inspiron 15-7560

Topics:

Front
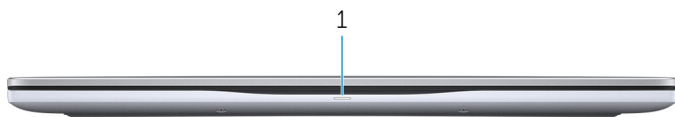
1. **Power and battery-status light/hard-drive activity light**

   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
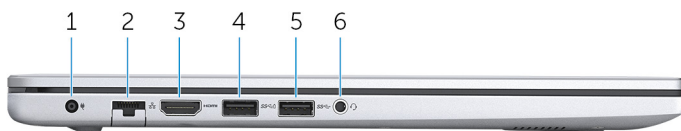
1. **Power-adapter port**

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

4. **USB 3.1 Gen 1 port with PowerShare**

Connect peripherals such as external 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. **USB 3.1 Gen 1 port**

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

6. **Headset port**

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

Right

1. **SD-card slot**

Reads from and writes to the SD card.

2. **USB 2.0 port**

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

3. **Security-cable slot (wedge-shaped)**

Connect a security cable to prevent unauthorized movement of your computer.

Base

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.

Display

1. **HD Camera**

Enables you to video chat, capture photos and record videos in high-definition.

2. **Camera-status light**

Turns on when the camera is in use.

3. **Digital-array microphones (2)**

Provide digital sound input for audio recording, voice calls, and so on.

Bottom

1. **Right speaker**

   Provides audio output.

2. **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.

3. **Left speaker**

   Provides audio output.

Specifications of Inspiron 15-7560

Topics:

Computer model

Table 2. Computer model

Computer model	Inspiron 15-7560

System information

Table 3. System information

Processor	• 7th generation Intel Core i5/i7 • Intel pentium
Chipset	Integrated in the processor

Dimensions and weight

Table 4. Dimensions and weight

Height	19.50 mm (0.77 in)
Width	358.50 mm (14.11 in)
Depth	224 mm (8.81 in)
Weight (approximate)	2 kg (4.41 lbs)

Table 4. Dimensions and weight

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

Memory

Table 5. Memory specifications

Slots	Two SODIMM slots
Type	DDR4
Speed	2400 MHz ⓘ **NOTE:** The 2400 MHz memory works at 2133 MHz for the 7th generation Intel Core processors.
Configurations supported:	
Per memory module slot	4 GB, 8 GB, 16 GB and 32 GB
Total memory	4 GB, 8 GB, 12 GB, 16 GB, and 32 GB

Ports and connectors

Table 6. External ports and connectors

External:	
Network	One RJ-45 port
USB	• One USB 2.0 port • One USB 3.1 Gen 1 port • One USB 3.1 Gen 1 port with PowerShare
Audio/Video	• One HDMI 1.4a port • One headset (headphone and microphone combo) port

Table 7. Internal ports and connectors

Internal:	
M.2 card	• One M.2 slot for SSD card (SATA) • One M.2 slot for WiFi/Bluetooth

Communications

Table 8. Supported Communications

Ethernet	100/1000 Mbps Ethernet controller integrated on system board
Wireless	• WiFi 802.11ac • Bluetooth 4.0/Bluetooth 4.2

Audio

Table 9. Audio specifications

Controller	Realtek ALC3246 with Waves MaxxAudio Pro
Speakers	Two
Speaker output	2 W
Microphone	Digital-array microphones
Volume controls	Media-control shortcut keys

Storage

Your computer supports one of the following configurations:
- One 2.5-inch hard drive
- One M.2 solid-state drive
- One M.2 solid-state drive and one 2.5-inch hard drive

Table 10. Storage specifications

Interface		SATA 6 Gbps
Hard drive		One 2.5-inch drive (SATA)
Solid-state drive		One M.2 drive (SATA)
Capacity:		
	Hard drive	Up to 1 TB
	SSD	Up to 512 GB

Media-card reader

Table 11. Media-card reader specifications

Type	One 2-in-1 slot
Cards supported	- Secure Digital (supports SD 3.0) - Multimedia Card (MMC)

Keyboard

Table 12. Keyboard specifications (continued)

Type	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. (i) **NOTE:** Press Fn+Esc to switch the primary behavior of the function keys (F1–F12) between two modes – multimedia key mode and function key mode.

Table 12. Keyboard specifications

	ⓘ **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

Table 13. Camera specifications

Resolution	● Still image: 1 megapixel ● Video: 1280 x 720 (HD) at 30 fps
Diagonal viewing angle	74.6 degrees

Touchpad

Table 14. Touchpad

Resolution	● Horizontal: 1228 ● Vertical: 928
Dimensions	● Width: 105 mm (4.14 in) ● Height: 80 mm (3.15 in)

Touchpad gestures

For more information about touchpad gestures for Windows 10, see the Microsoft knowledge base article 4027871 at support.microsoft.com.

Battery

Table 15. Battery specifications

Type		3-cell "smart" lithium-ion (42 WHr)
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)
Charging time when the computer is off (approximate)		4 hours
Coin-cell battery		CR-2032
Dimensions		
	Width	98.20 mm (3.87 in)
	Depth	233.37 mm (9.19 in)
	Height	5.90 mm (0.23 in)
	Weight (maximum)	0.25 kg (0.55 lb)
	Voltage	15.20 VDC

Display

Table 16. Display specifications

Type	15.6-inch FHD non-touch screen IPS (In-plane switching) panel
Resolution (maximum)	1920 x 1080
Viewing angle (Left/Right/Up/Down)	85/85/85/85
Pixel pitch	0.179 mm
Refresh rate	60 Hz
Operating angle	85 degrees
Controls	Brightness can be controlled using shortcut keys
Dimensions	
Height (excluding bezel)	193.59 mm (7.62 in)
Width (excluding bezel)	344.16 mm (13.55 in)
Diagonal (excluding bezel)	381 mm (15 in)

Power adapter

Table 17. Power adapter specifications

Type	45W	65W
Input current (maximum)	1.30 A	1.50 A
Output current (continuous)	2.31 A	3.34 A
Diameter (connector)	4.5 mm	
Input voltage	100 VAC–240 VAC	
Input frequency	50 Hz–60 Hz	
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)	

Video

Table 18. Video specifications

	Integrated	Discrete
Controller	● Intel HD Graphics 610 ● Intel HD Graphics 620 ● Intel HD Graphics 635 ● Intel Iris Graphics 640 ● Intel Iris Graphics 650	NVIDIA GeForce 940MX
Memory	Shared system memory	Up to 4 GB GDDR5

Computer environment

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

Table 19. 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‡
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.

Keyboard shortcuts

(i) **NOTE:** Keyboard characters may differ depending on the keyboard language configuration. Keys used for shortcuts remain the same across all language configurations.

Some keys on your keyboard have two symbols on them. These keys can be used to type alternate characters or to perform secondary functions. The symbol shown on the lower part of the key refers to the character that is typed out when the key is pressed. If you press shift and the key, the symbol shown on the upper part of the key is typed out. For example, if you press **2**, **2** is typed out; if you press **Shift** + **2**, @ is typed out.

The keys F1-F12 at the top row of the keyboard are function keys for multi-media control, as indicated by the icon at the bottom of the key. Press the function key to invoke the task represented by the icon. For example, pressing F1 mutes the audio (refer to the table below).

However, if the function keys F1-F12 are needed for specific software applications, multi-media functionality can be disabled by pressing **Fn** + **Esc**. Subsequently, multi-media control can be invoked by pressing **Fn** and the respective function key. For example, mute audio by pressing **Fn** + **F1**.

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

Table 20. List of keyboard shortcuts

Function key	Re-defined key (for multi-media control)	Behavior
F1	Fn + F1	Mute audio
F2	Fn + F2	Decrease volume
F3	Fn + F3	Increase volume
F4	Fn + F4	Play previous track/chapter
F5	Fn + F5	Play/Pause
F6	Fn + F6	Play next track/chapter
F8	Fn + F8	Switch to external display
F9	Fn + F9	Search
F10	Fn + F10	Toggle keyboard backlight (optional)
F11	Fn + F11	Decrease brightness
F12	Fn + F12	Increase brightness

The **Fn** key is also used with selected keys on the keyboard to invoke other secondary functions.

Table 21. List of keyboard shortcuts

Function key	Behavior
Fn + PrtScr	Turn off/on wireless

Table 21. List of keyboard shortcuts

Function key	Behavior
Fn + B	Pause/Break
Fn + Insert	Sleep
Fn + S	Toggle scroll lock
Fn + H	Toggle between power and battery-status light/hard-drive activity light
Fn + R	System request
Fn + Ctrl	Open application menu
Fn + Esc	Toggle Fn-key lock
Fn + ↑ PgUp	Page up
Fn + ↓ PgDn	Page down
Fn + ← Home	Home
Fn + End →	End

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 22. Self-help resources

Self-help resources	Resource location
Information about Dell products and services	www.dell.com
My Dell	
Tips	
Contact Support	In Windows search, type `Contact 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
Dell knowledge base articles for a variety of computer concerns.	1. Go to www.dell.com/support. 2. Type the subject or keyword in the **Search** box. 3. Click **Search** to retrieve the related articles.
Learn and know the following information about your product: ● Product specifications ● Operating system ● Setting up and using your product ● Data backup ● Troubleshooting and diagnostics ● Factory and system restore ● BIOS information	See *Me and My Dell* at www.dell.com/support/manuals. 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** in the search bar.

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.