Inspiron 15 7000
Setup and Specifications

Computer Model: Inspiron 15-7560
Regulatory Model: P61F
Regulatory Type: P61F001

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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2017 - 11

Rev. A02

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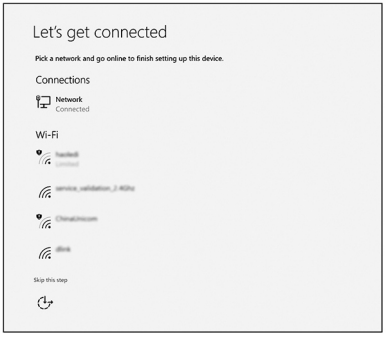
Set up your computer

1 Connect the power adapter and press the power button.

2 Finish operating system setup.

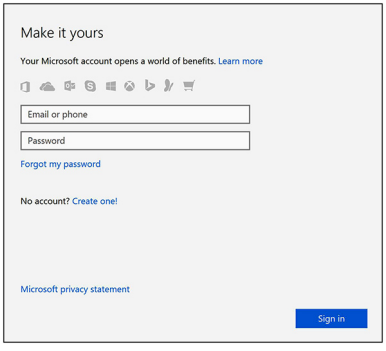
For Windows:

a) Connect to a network.



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.



For Ubuntu:

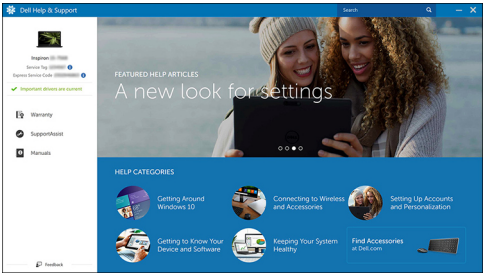
Follow the instructions on the screen to finish setup.

3 Explore Dell resources on your desktop.

Table 1. Locate Dell apps

Register your computer

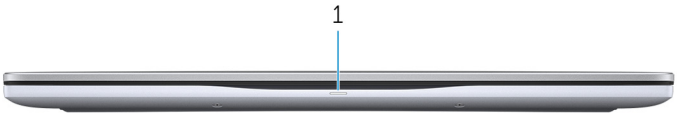
Dell Help & Support



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.

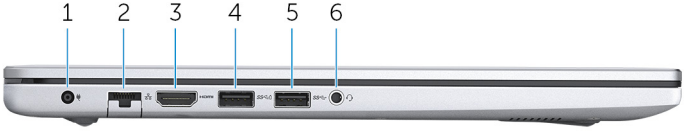
Solid white — Power adapter is connected and the battery has more than 5% charge.

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 3.1 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.

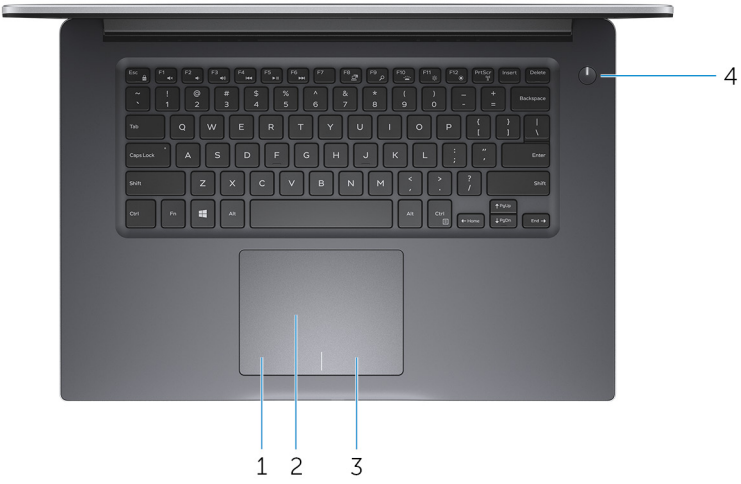
2 **USB 2.0 port**

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

3 **Security-cable slot**

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

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)

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)

Internal:	
	• 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

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

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. **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.** **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)

Operating time (approximate)	4 hours (when the computer is off)
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
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

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

Table 20. List of keyboard shortcuts

Keys	Description
	Mute audio
	Decrease volume
	Increase volume
	Play previous track/chapter
	Play/Pause
	Play next track/chapter
	Switch to external display
	Search
	Toggle keyboard backlight (optional)
	Decrease brightness
	Increase brightness
	Turn off/on wireless
	Pause/Break

Keys	Description
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 21. Self-help resources

Information about Dell products and services	www.dell.com
Dell Help & Support app	
Accessing help	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
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	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**.

- Factory and system restore
- BIOS information

- 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.