Inspiron 14 7000
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.
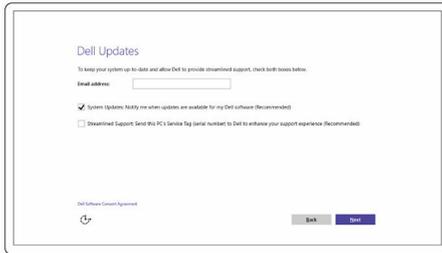
b) Connect to a wireless network.

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

For Ubuntu:

Follow the instructions on the screen to finish setup.

3   Explore Dell resources on your desktop.

Register your computer

Dell Help & Support

SupportAssist — Check and update your computer

Views

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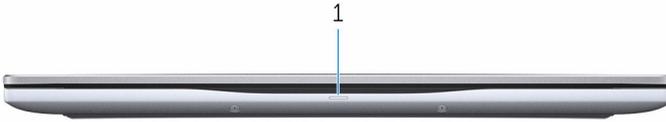
1   **Power and battery-status light/hard-drive activity light**

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

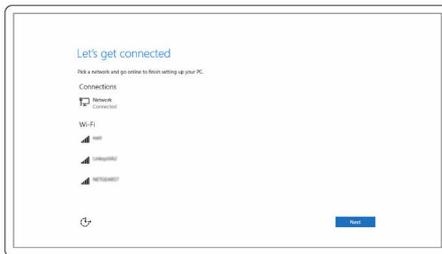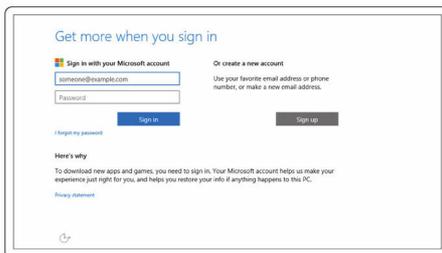Turns on when the computer reads from or writes to the hard drive.

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   **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.
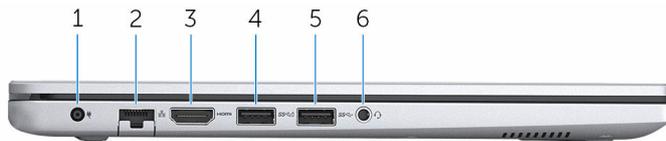
4   **USB 3.0 port with PowerShare**

    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   **USB 3.0 port**

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

6   **Headset port**

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

Right
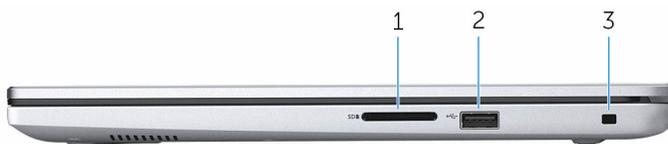
1   **SD-card slot**

    Reads from and writes to the SD card.

2 **USB 2.0 port**

Connect peripherals such as 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 **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.

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.

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

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

Specifications

Dimensions and weight

Height	18.95 mm (0.75 in)
Width	323.50 mm (12.74 in)
Depth	227.50 mm (8.96 in)
Weight (approximate)	1.60 kg (3.53 lb)

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

System information

Computer model	Inspiron 14-7460
Processor	7th generation Intel Core i5/i7 - Intel Pentium
Chipset	Integrated in the processor

Memory

Slots	Two SODIMM slots
Type	DDR4
Speed	2133 MHz
Configurations supported	4 GB, 8 GB, 16 GB, and 32 GB

Ports and connectors

External:	
USB	• One USB 2.0 port

External:	
Audio/Video	- One USB 3.0 port - One USB 3.0 port with PowerShare - One HDMI port - One headset (headphone and microphone combo) port

Internal:	
M.2 Card	- One M.2 slot for SSD card - One M.2 slot for WiFi/Bluetooth

Communications

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

Audio

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

Storage

Interface	SATA 6 Gbps
Hard drive	One 2.5-inch drive

Solid-state drive	One M.2 drive

Media-card reader

Type	One 9-in-1 slot
Cards supported	- Memory Stick (MS) - Memory Stick Pro (MS PRO) - Memory Stick PRO-HG Duo - Memory Stick XC - Secure Digital Standard Capacity (SDSC) - Secure Digital High Capacity (SDHC) - Secure Digital Extended Capacity (SDXC) - Multimedia Card (MMC) - xD-Picture Card (XD)

Keyboard

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: 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: 1 megapixel • Video: 1280 x 720 (HD) at 30 fps
Diagonal viewing angle	74.6 degrees

Touch pad

Resolution	• Horizontal: 1228 • Vertical: 748
Dimensions	• Width: 105 mm (4.14 in) • Height: 65 mm (2.56 in)

Battery

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
Dimension:	
Width	97.15 mm (3.82 in)
Depth	184.15 mm (7.25 in)
Height	5.90 mm (0.23 in)
Weight (maximum)	0.20 kg (0.44 lb)

Voltage	11.40 VDC

Display

Type	14-inch
Resolution (maximum)	1920 X 1080
Pixel pitch	0.161 mm
Refresh rate	60 HZ
Operating angle	85 degrees
Controls	Brightness can be controlled using shortcut keys
Dimension:	
Height (including bezel)	173.95 mm (6.85 in)
Width (including bezel)	309.40 mm (12.18 in)
Diagonal (excluding bezel)	355.60 mm (14 in)

Power adapter

Type	45W	65W
Input current (maximum)	1.30 A	1.50 A
Output current (continuous)	2.31 A	3.34 A
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

	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

	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

Keys	Description
F1	Mute audio
F2	Decrease volume
F3	Increase volume
F4	Play previous track/chapter
F5	Play/Pause
F6	Play next track/chapter
F8	Switch to external display
F9	Search
F10	Toggle keyboard backlight
F11	Decrease brightness
F12	Increase brightness
Fn + PrtScr	Turn off/on wireless
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

Keys	Description
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:

Information about Dell products and services	www.dell.com
Windows 8.1 and Windows 10	Dell Help & Support app
Windows 10	Get started app
Windows 8.1	Help + Tips app
Accessing help in Windows 8, Windows 8.1, and Windows 10	In Windows search, type `Help and Support`, and press Enter.
Accessing help in Windows 7	Click **Start** → **Help and Support**.
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.