

Inspiron 14 5448

Setup and Specifications

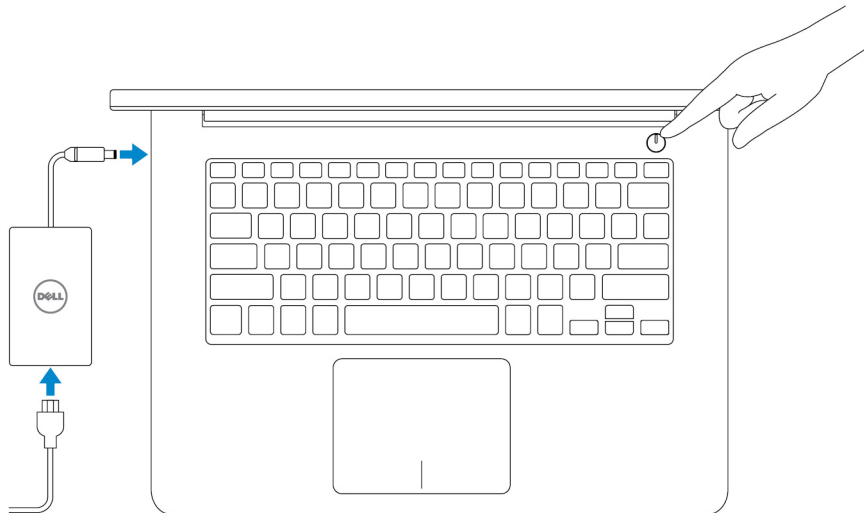


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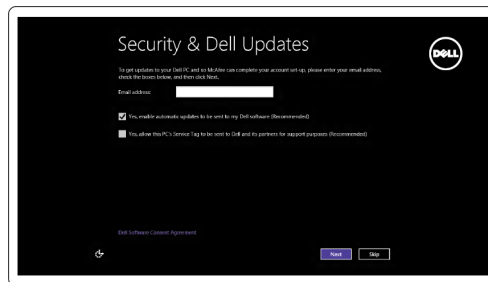
1 Set up your computer	4
2 Views	6
Front.....	6
Left.....	6
Right.....	6
Base.....	7
3 Keyboard shortcuts	8
4 Specifications	9
Dimensions and Weight.....	9
System Information.....	9
Memory.....	10
Ports and Connectors.....	10
Communications.....	10
Video.....	10
Audio.....	10
Storage.....	11
Media-card reader.....	11
Display.....	11
Keyboard.....	11
Camera.....	11
Touchpad.....	12
Battery.....	12
Power Adapter.....	12
Computer Environment.....	12
5 Getting help and contacting Dell	14

Set up your computer

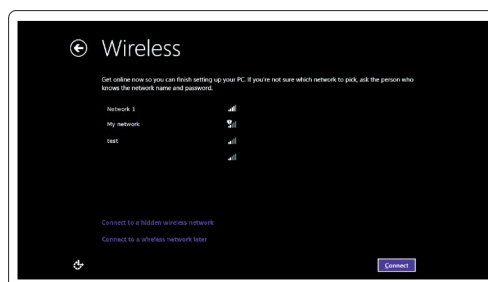
1. Connect the power adapter and press the power button.



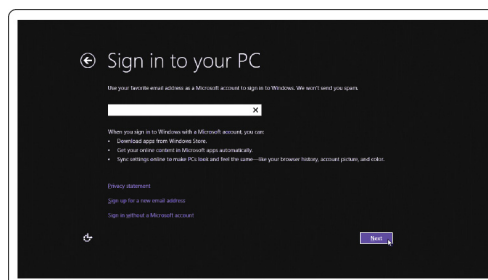
2. When your computer is switched on for the first time, you will be prompted to complete these steps:
 - a) Enable security and Dell updates.



- 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.



Help and Tips



My Dell



Register your computer

Topics:

- [Front](#)
- [Left](#)
- [Right](#)
- [Base](#)

Front

**1. Power and battery-status light**

Indicates the power state and battery state of the computer.

White — Power adapter is connected and the battery is being charged.

Amber — Battery charge is low or critical.

2. Hard-drive activity light

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

Left

**1. Security-cable slot**

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

2. Power-adaptor port

Connect a power adapter to provide power to your computer and charge the battery.

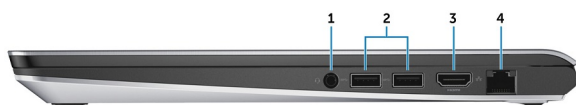
3. USB 2.0 port

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

4. Media-card reader

Reads from and writes to media cards.

Right

**1. Headset port**

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

2. USB 3.0 ports (2)

Connect peripherals such as storage devices, printers, and so on. Provide data transfer speeds up to 5 Gbps.

3. HDMI port

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

4. Network port

Connect an Ethernet (RJ45) cable from a router or a broadband modem for network or internet access.

Base



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 10 seconds to force shut-down the computer.

i **NOTE:** You can customize the power-button behavior in Power Options. For more information, see *Me and My Dell* at www.dell.com/support.

2. Right-click area

Press to right-click.

3. Touchpad














Move your finger on the touchpad to move the mouse pointer. Tap to left-click.

4. Left-click area

Press to left-click.

Keyboard shortcuts

Icons

Icons	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 	Open Search charm
F10 	Toggle keyboard backlight — optional
F11 	Decrease brightness
F12 	Increase brightness
Fn + 	Turn off/on wireless
Fn + 	Toggle Fn-key lock

Specifications

Topics:

- Dimensions and Weight
- System Information
- Memory
- Ports and Connectors
- Communications
- Video
- Audio
- Storage
- Media-card reader
- Display
- Keyboard
- Camera
- Touchpad
- Battery
- Power Adapter
- Computer Environment

Dimensions and Weight

Height	<ul style="list-style-type: none"> • Touch: 22 mm (0.87 in) • Non-touch: 21.60 mm (0.85 in)
Width	342 mm (13.46 in)
Depth	246 mm (9.69 in)
Weight	<ul style="list-style-type: none"> • Touch: 2.05 kg (4.52 lb) • Non-touch: 1.93 kg (4.25 lb)

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

System Information

Inspiron 5448	
Processor	<ul style="list-style-type: none"> • 4th Generation Intel Core i3 ULV • 4th Generation Intel Core i5 ULV • 4th Generation Intel Core i7 ULV
L3 cache	4 MB
Chipset	Integrated in processor

Memory

Slots	Two SODIMM slots
Type	Dual-channel DDR3L
Speed	1600 MHz
Configurations supported	4 GB, 6 GB, 8 GB, 12 GB, and 16 GB

Ports and Connectors

External:

Network	One RJ45 port
USB	<ul style="list-style-type: none">• One USB 2.0 port• Two USB 3.0 ports
Audio/Video	<ul style="list-style-type: none">• One HDMI port• One headphone and microphone combo (headset) port

Internal:

M.2 Card	One M.2-2230 slot for Wi-Fi and Bluetooth combo card
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Communications

Ethernet	10/100 Mbps Ethernet controller integrated on system board
Wireless	<ul style="list-style-type: none">• Wi-Fi 802.11 b/g/n/ac• WiDi (Wireless Display)• Bluetooth 4.0

Video

	Integrated	Discrete
Controller	<ul style="list-style-type: none">• Inspiron 5448 — Intel HD Graphics 5500	<ul style="list-style-type: none">• Inspiron 5448 — AMD Radeon R7 M270
Memory	Shared system memory	<ul style="list-style-type: none">• AMD Radeon R7 M265 — 2 GB DDR3• AMD Radeon R7 M270 — 4 GB DDR3

Audio

Controller	Realtek ALC3234CG with Waves MaxxAudio
Speakers	Two
Output	<ul style="list-style-type: none">• Average 2 watts• Peak 2.5 watts
Microphone	Digital array-microphones
Volume controls	Media-control shortcut keys

Storage

Interface	SATA 6 Gbps
Hard drive	One 2.5-inch drive (supports Intel Smart Response Technology)

Media-card reader

Type	One 5-in-1 slot
Cards supported	<ul style="list-style-type: none">• SD card• SD High-Capacity (SDHC) card• SD Extended Capacity (SDXC) card with Ultra High Speed (UHS)• Memory Stick (MS)• Memory Stick PRO (MS PRO)

Display

Type	<ul style="list-style-type: none">• 14-inch HD• 14-inch HD touch screen
Resolution (maximum)	1366 x 768
Pixel pitch	0.2265 mm
Refresh rate	60 Hz
Operating angle	0 degrees (closed) to 135 degrees
Controls	Brightness can be controlled using shortcut keys
Height	173.95 mm (6.85 in)
Width	309.40 mm (12.18 in)
Diagonal	355.60 mm (14 in)

Keyboard

Type	<ul style="list-style-type: none">• Standard keyboard• Backlit keyboard — optional
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: 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	<ul style="list-style-type: none">• Still image: 0.92 megapixel• Video: 1280 x 720 (HD) at 30 fps
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Diagonal viewing angle 74 degrees

Touchpad

Resolution

- Horizontal: 1260 dpi
- Vertical: 1207 dpi

Dimensions

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

Battery

Type

- 3 cell “smart” lithium ion (43.50 WHr)
- 4 cell “smart” lithium ion (58 WHr)

	3 cell	4 cell
Dimension: Width		208.25 mm (8.20 in)
Dimension: Depth		124.70 mm (4.91 in)
Dimension: Height		7.80 mm (0.31 in)
Weight (maximum)	0.28 kg (0.62 lb)	0.35 kg (0.77 lb)
Voltage	11.10 VDC	7.40 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 65 watts

Input voltage 100 VAC–240 VAC

Input frequency 50 Hz–60 Hz

Input current (maximum) 1.50 A

Output current (continuous) 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

	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)	-15.20 m to 3048 m (-50 ft to 10,000 ft)	-15.20 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.

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
Windows 8.1 and Windows 10

www.dell.com

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

Accessing help in Windows 7

Online help for operating system

In Windows search, type **Help and Support**, and press **Enter**.

Click **Start > Help and Support**.

www.dell.com/support/windows

www.dell.com/support/linux

www.dell.com/support

Troubleshooting information, user manuals, setup instructions, product specifications, technical help blogs, drivers, software updates, and so on

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.

i **NOTE: Availability varies by country and product, and some services may not be available in your country.**

i **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.**