

Inspiron 14 5447

5447 Series

Setup and Specifications

Computer Model: Inspiron 5447
Regulatory Model: P49G
Regulatory Type: P49G001



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Rev. A00

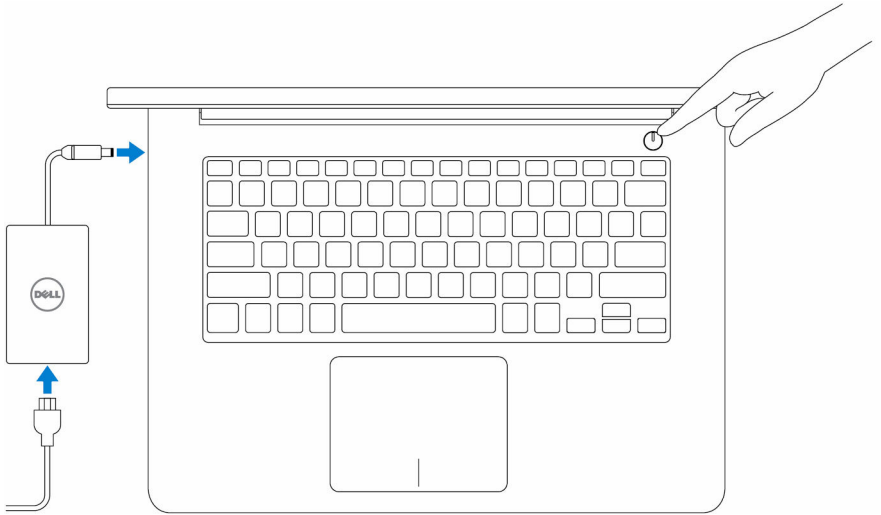
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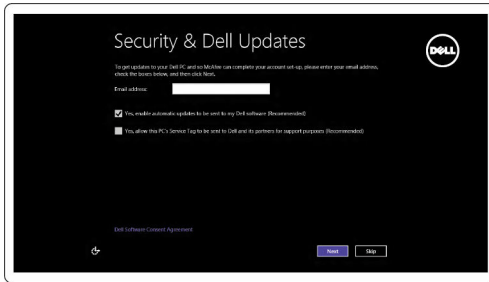
Set up your computer

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

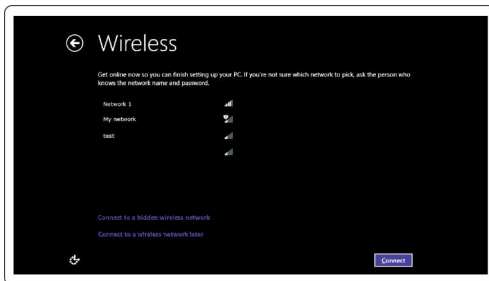


2 When your computer is switched on for the first time, you will be prompted to complete these steps:

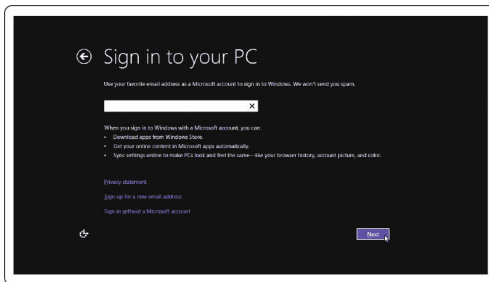
a) Enable security and Dell updates.



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

Views

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.

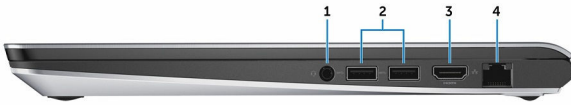
3 **USB 2.0 port**

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.



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	Description
	Mute audio
	Decrease volume
	Increase volume
	Play previous track/ chapter
	Play/Pause
	Play next track/chapter
	Switch to external display
	Open Search charm
	Toggle keyboard backlight — optional
	Decrease brightness
	Increase brightness
 + 	Turn off/on wireless
 + 	Toggle Fn-key lock

Specifications

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 5447

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 5447 – Intel HD Graphics 4400	<ul style="list-style-type: none">• Inspiron 5447 – AMD Radeon R7 M265
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
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	<ul style="list-style-type: none"> • 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	<p>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.</p> <p> NOTE: You can define the primary behavior of the shortcut keys by pressing Fn+Esc or by changing Function Key Behavior in System Setup.</p>

Camera

Resolution	<ul style="list-style-type: none"> • Still image: 0.92 megapixel
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- Video: 1280 x 720 (HD) at 30 fps

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 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.