Inspiron 15 5000

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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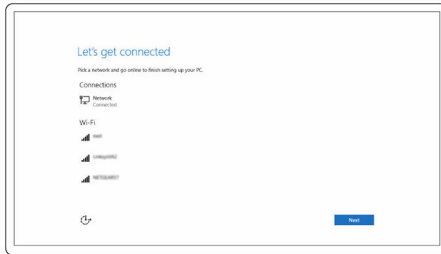# Set up your computer

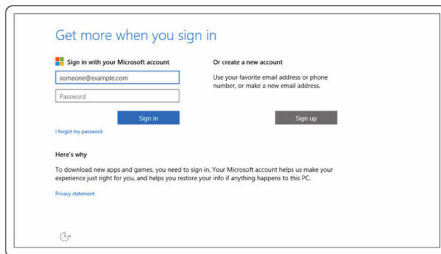1   Connect the power adapter and press the power button.

2 Finish operating system setup.

For Windows:

a) Connect to your network.

b) Sign in to your Microsoft account or create a local account.
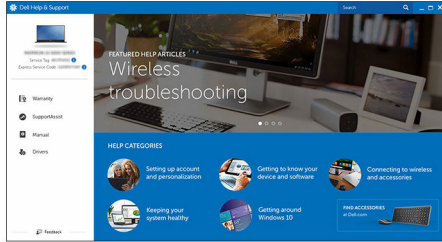

For Ubuntu:

Follow the instructions on the screen to finish setup.

3   Locate Dell apps.

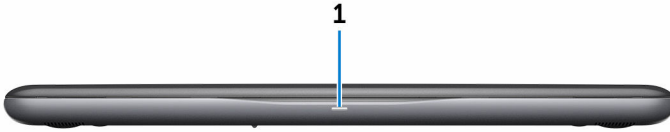

Register your computer

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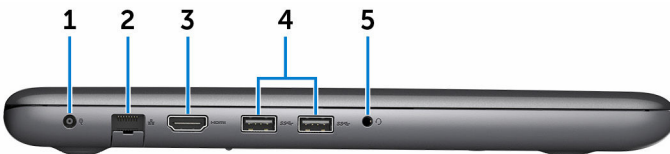
Solid white — Power adapter is connected and the battery has more than 5% charge.

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**

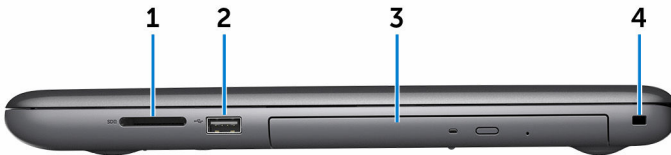Connect a TV or another HDMI-in enabled device. Provides video and audio output.

4   **USB 3.0 ports (2)**

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

5   **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.
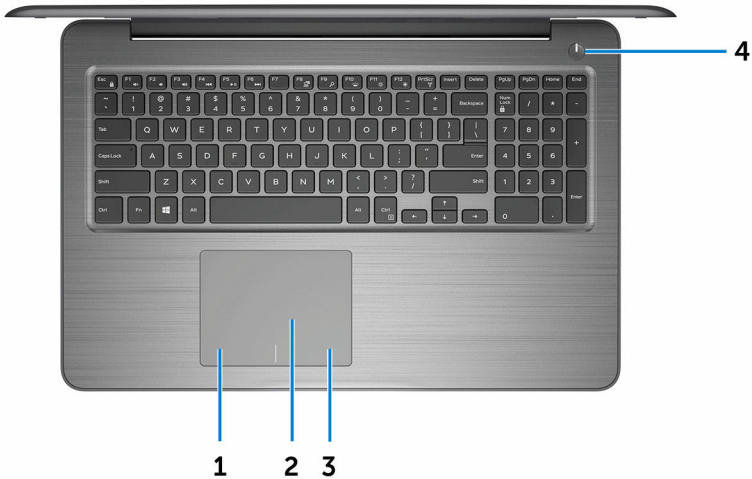
3   **Optical drive**

Reads from and writes to CDs and DVDs.

4   **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.
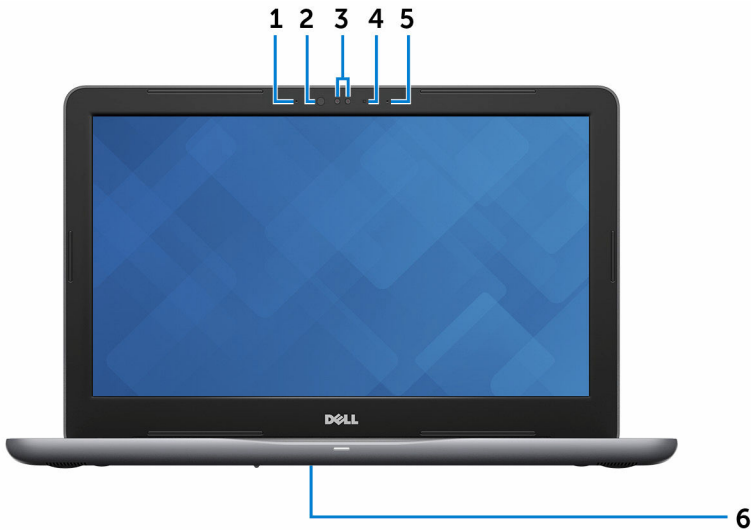
Press to put the computer in sleep state if it is turned on.

Press and hold for 4 seconds to force shut-down the computer.

> **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 **Left microphone**

Provides digital sound input for audio recording and voice calls.

2 **Infrared emitter (optional)**

Emits infrared light, which enables the infrared camera to sense depth and track motion.

3 **Infrared camera (optional)**

Enables you to video chat, capture photos, and record videos. Depth-sensing feature of the camera enhances security when paired with Windows Hello.

4 **Camera-status light**

Turns on when the camera is in use.

5 **Right microphone**

Provides digital sound input for audio recording and voice calls.

6 **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.

Specifications

Dimensions and weight

Height	23.30 mm (0.92 in)
Width	390 mm (15.35 in)
Depth	259 mm (10.20 in)
Weight	2.36 kg (5.20 lb)

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

System information

Computer model	Inspiron 15-5565
Processor	- AMD FX-9800P Quad-Core Processor - AMD A12-9700P Quad-Core Processor - AMD A10-9600P Quad-Core Processor - AMD A9-9400 Processor - AMD A6-9200 Processor - AMD E2-9000 Processor
Chipset	Integrated in processor

Memory

Slots	Two SODIMM slots
Type	Single or Dual-channel DDR4
Speed	Up to 1866 MHz
Configurations supported	4 GB, 6 GB, 8 GB, 12 GB, and 16 GB

Communications

Ethernet	10/100 Mbps Ethernet controller integrated on system board
Wireless	• WiFi 802.11ac+Bluetooth 4.2 • WiFi 802.11ac+Bluetooth 4.1 • WiFi 802.11b/g/n+Bluetooth 4.0

Audio

Controller	Realtek ALC3234 with Waves MaxxAudio Pro
Speakers	Two
Speaker output	• Average – 2 W • Peak – 2.5 W
Microphone	Digital-array microphones
Volume controls	Media-control shortcut keys

Storage

NOTE: The computer is shipped with either hard drive or solid-state drive, depending on the configuration ordered.

Interface	• SATA 6 Gbps for hard drive • SATA 6 Gbps for solid-state drive • SATA 1.5 Gbps for optical drive
Hard drive	One 2.5-inch drive
Solid-state drive	One 2.5-inch drive
Optical-drive bay	One 9.5 mm DVD+/-RW drive or Blu-ray Disc writer

Media-card reader

Type	One SD-card slot
Cards supported	• SD card • SD High Capacity (SDHC) card • SD Extended Capacity (SDXC) card

Keyboard

Type	• 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. NOTE: You can define the primary behavior of the shortcut keys by pressing Fn+Esc or by changing **Function Key Behavior** in System Setup. Keyboard shortcuts

Camera

Resolution	• Still image: 0.92 megapixel • Video: 1280 x 720 (HD) at 30 FPS
Diagonal viewing angle	74 degrees

Touch pad

Resolution	• Horizontal: 1228 dpi • Vertical: 928 dpi
Dimensions	• Height: 80 mm (3.15 in) • Width: 105 mm (4.13 in)

Power adapter

Type	• 45 W • 65 W
Input voltage	100 VAC−240 VAC
Input frequency	50 Hz−60 Hz
Input current (maximum)	1.30 A/1.60 A/1.70 A
Output current (continuous)	2.31 A/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)

Battery

Type	3-cell 42 WHr smart lithium ion
Dimensions:	
Width	97.15 mm (3.82 in)
Depth	184.15 mm (7.25 in)
Height	5.9 mm (0.23 in)
Weight (maximum)	0.2 kg (0.44 lb)
Voltage	11.40 VDC
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	
Operating time	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.	

Display

	15.6-inch HD Non-touch	15.6-inch FHD Touch/ Non-touch
Resolution (maximum)	1366 x 768	1920 x 1080
Pixel pitch	0.252 mm	0.179 mm
Refresh rate	48/60 Hz	
Operating angle	0 degrees (closed) to 135 degrees	
Controls	Brightness can be controlled using shortcut keys	
Dimensions:		
Height (including bezel)	258.83 mm (10.19 in)	
Width (including bezel)	388.87 mm (15.31 in)	
Diagonal (excluding bezel)	394.87 mm (15.55 in)	

Ports and connectors

External:	
Network	One RJ45 port
USB	• Two USB 3.0 ports • One USB 2.0 port
Audio/Video	• One HDMI port

External:	
	• One headset (headphone and microphone combo) port

Internal:	
M.2 slot	One M.2 slot for WiFi and Bluetooth combo card

Video

	Integrated	Discrete
Controller	7th generation AMD APU Radeon Graphics	• AMD Radeon R5 M435 Graphics • AMD Radeon R8 M445DX Dual Graphics **NOTE:** AMD Radeon R8 M445DX Dual Graphics is supported on computers with AMD A12-9700P, AMD A10-9600P, or AMD FX-9800P Quad-Core Processor with AMD Radeon R7 M445 Graphics.
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[‡]

	Operating	Storage
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.

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 (optional)
F11	Decrease brightness
F12	Increase brightness
Fn + PrtScr	Turn off/on wireless
Fn + S	Toggle Scroll Lock
Fn + Esc	Toggle Fn-key lock
Fn + B	Pause/Break
Fn + Insert	Sleep

Keys	Description
Fn + R	System request
Fn + Ctrl	Open application menu
Fn + H	Toggle between power and battery-status light/hard-drive activity light

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.