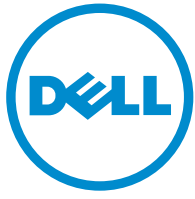
Inspiron 15 3000
Setup and Specifications

Computer Model: Inspiron 15-3568
Regulatory Model: P47F
Regulatory Type: P47F004



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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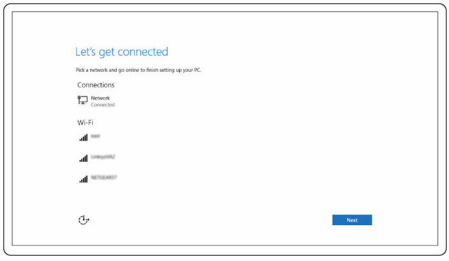
Set up your computer

1 Connect the power adapter and press the power button.

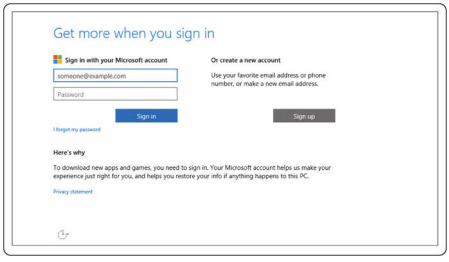
2 Finish operating system setup.

For Windows:

a) Connect to your network.



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



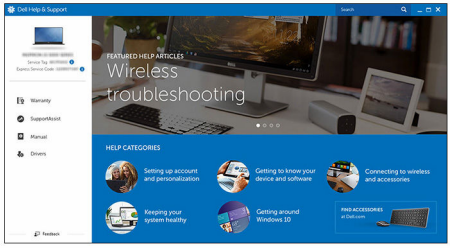
For Ubuntu:

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.

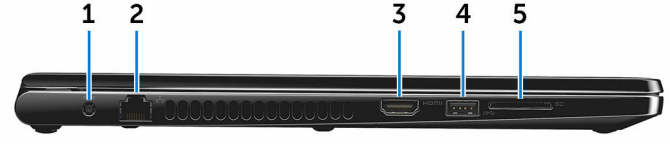
Solid white — Power adapter is connected and the battery has more than 5% charge.

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.

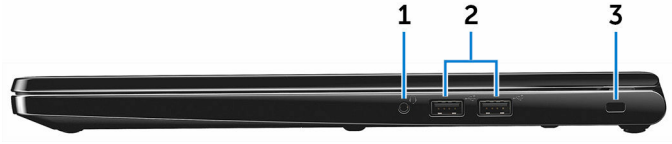
4 **USB 3.0 port**

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

5 **SD-card slot**

Reads from and writes to the SD card.

Right



1 **Headset port**

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

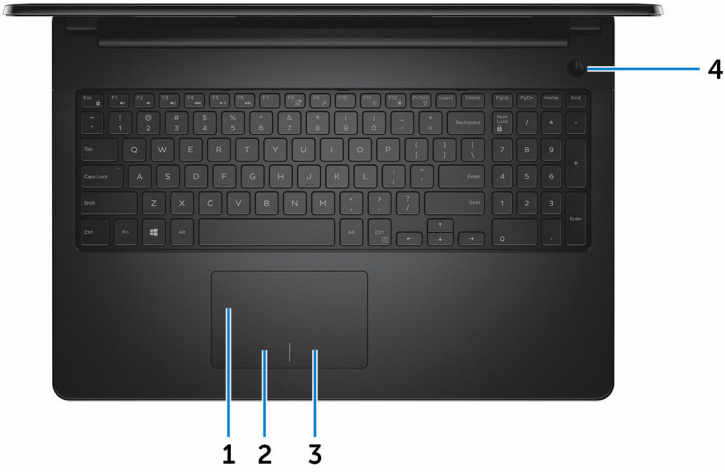
2 **USB 2.0 ports (2)**

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 **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.

2 **Left-click area**

Press to left-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 **Camera**

Enables you to video chat, capture photos, and record videos.

2 **Camera-status light**

Turns on when the camera is in use.

3 **Microphone**

Provides high-quality digital sound input for audio recording, voice calls, and so on.

Specifications

Dimensions and weight

Height	21.70 mm (0.85 in)
Width	380 mm (14.96 in)
Depth	260.30 mm (10.25 in)
Weight (maximum)	2.20 kg (4.85 lb)

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

System information

Computer model	Inspiron 15-3568
Processor	• 7th generation Intel Core i5 • 7th generation Intel Core i7
Chipset	Integrated in the processor

Communications

Wireless	• WiFi 802.11ac • WiFi 802.11b/g/n • Bluetooth 4.0 • Miracast

Audio

Controller	Realtek ALC3234 with Waves MaxxAudio
Speakers	Two
Speaker Output	• Average – 2 W • Peak – 2.5 W
Microphone	Single digital microphone in the camera assembly
Volume controls	Media-control shortcut keys

Storage

Interface	SATA 6 Gbps
Hard drive	One 2.5-inch drive

Media-card reader

Type	One SD-card slot
Cards supported	SD card

Keyboard

Type	Chiclet 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 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 (maximum)
Diagonal viewing angle	74 degrees

Memory

Slots	Two SODIMM slots
Type	Dual-channel DDR3L
Speed	1600 MHz
Configurations supported	2GB, 4GB, 6GB, and 8GB

Touch pad

Resolution	• Horizontal: 508 • Vertical: 508
Dimensions	• Height: 65 mm (2.56 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)

Display

Type	15.6-inch Truelife
Resolution (maximum)	1366 x 768
Pixel pitch	0.2520 mm
Refresh rate	60 Hz
Operating angle	0 degrees (closed) to 135 degrees
Controls	Brightness can be controlled using shortcut keys
Dimensions:	
Height	225.06 mm (8.86 in)
Width	366.63 mm (14.43 in)
Diagonal	396.24 mm (15.60 in)

Battery

Type	• 4-cell 40 WHr smart lithium-ion • 4-cell 47 WHr smart lithium-ion
Weight (maximum)	0.26 kg (0.57 lb)
Voltage	14.80 VDC

Operating time	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.
Life span (approximate)	300 discharge/charge cycles
Dimensions:	
Width	270.20 mm (10.64 in)
Depth	37.50 mm (1.48 in)
Height	20 mm (0.79 in)
Temperature range:	
Operating	0°C to 35°C (32°F to 95°F)
Storage	–40°C to 65°C (–40°F to 149°F)
Coin-cell battery	CR-2032

Ports and connectors

External:	
Network	One RJ45 port
USB	• One USB 3.0 port • Two USB 2.0 ports
Audio/Video	• One HDMI port • One headset (headphone and microphone combo) port

Internal:	
NGFF slot	One NGFF slot for Wi-Fi, Bluetooth, and Intel WiDi (optional)

Video

	Integrated	**Discrete**
Controller	Intel HD Graphics 620 for computers with	AMD Radeon R5 M315

	Integrated	Discrete
	Intel Core i7/i5 processor	
Memory	Shared system memory	• 1 GB DDR3 • 2 GB DDR3

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.

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
	Decrease brightness
	Increase brightness
	Toggle Fn-key lock
	Turn off/on wireless
	Sleep
	Open application menu
	Pause/Break
	Toggle scroll lock

Keys	Description
Fn + H	Toggle between power and battery-status light/hard-drive activity light
Fn + R	System request
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
Dell Help & Support app	
Get started 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
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.