Inspiron 15 7000 Gaming
Setup and Specifications

Computer Model: Inspiron 15-7567
Regulatory Model: P65F
Regulatory Type: P65F001

Notes, cautions, and warnings

NOTE: A NOTE indicates important information that helps you make better use of your product.

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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2017 - 10

Rev. A03

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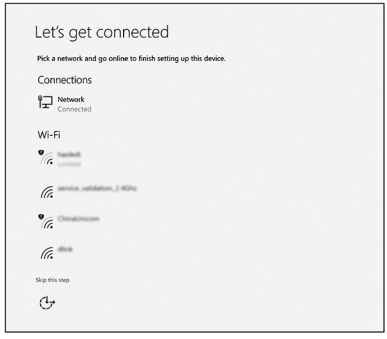
Set up your computer

1 Connect the power adapter and press the power button.

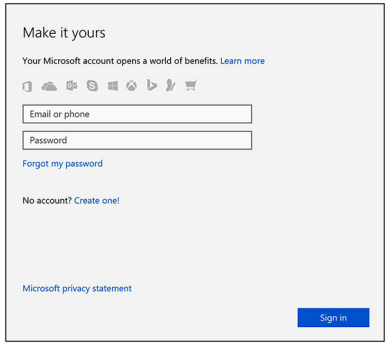
2 Finish operating system setup.

For Windows:

a) Connect to a network.



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



For Ubuntu:

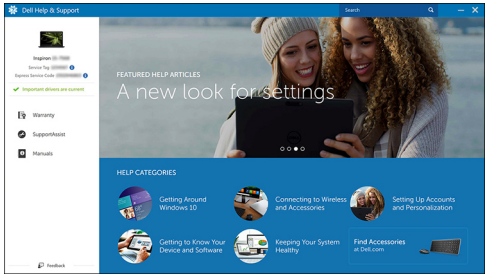
Follow the instructions on the screen to finish setup.

3 Locate Dell apps.

Table 1. Locate Dell apps

Register your computer

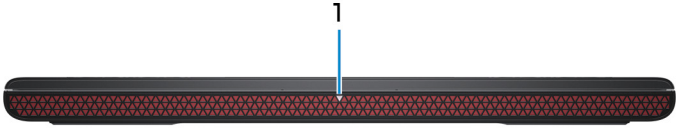
Dell Help & Support



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 between the 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.

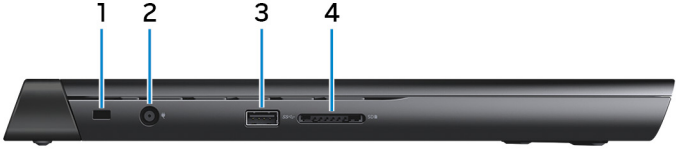
Solid white — Power adapter is connected and the battery has more than 5% charge.

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 **Security-cable slot**

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

2 **Power-adapter port**

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

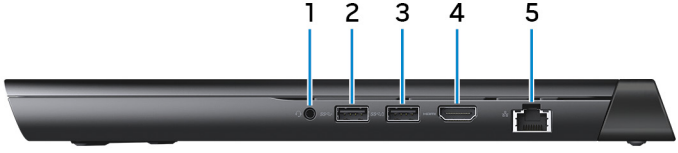
3 **USB 3.0 port**

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

4 **Media-card reader**

Reads from and writes to media cards.

Right



1 **Headset port**

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

2 **USB 3.0 port**

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

3 **USB 3.0 port with PowerShare**

Connect peripherals such as external 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.

4 **HDMI port**

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

5 **Network port**

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

Base

1 **Left-click area**

Press to left-click.

2 **Touchpad**

Move your finger on the touchpad 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 (touchscreen)**

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

3 **Infrared camera (touchscreen)**

Depth-sensing feature of the camera enhances security when paired with Windows Hello face authentication.

4 **Camera**

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

5 **Camera-status light**

Turns on when the camera is in use.

6 **Right microphone**

Provides digital sound input for audio recording and voice calls.

7 **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

Table 2. Dimensions and weight

Height	25.3 mm (1 in)
Width	384.90 mm (15.15 in)
Depth	274.70 mm (10.81 in)
Weight (maximum)	• Touch: 2.76 kg (6.08 lb) • Non-touch: 2.65 kg (5.84 lb)

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

System information

Table 3. System information

Computer model	Inspiron 15-7567
Processor	7th generation Intel Core i5/i7
Chipset	Intel HM175

Memory

Table 4. Memory specifications

Slots	Two SODIMM slots
Type	DDR4
Speed	2400 MHz
Configurations supported	4 GB, 8 GB, 16 GB, and 32 GB

Ports and connectors

Table 5. Ports and connectors specifications

External:	
Network	One RJ-45 port
USB	• One USB 3.0 port with PowerShare • Two USB 3.0 ports
Audio/Video	• One HDMI port • One headset (headphone and microphone combo) port

Table 6. Ports and connectors specifications

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

Communications

Table 7. Communication specifications

Wireless	• Wi-Fi 802.11 ac • Bluetooth 4.2 • Miracast

Audio

Table 8. Audio specifications

Controller	Realtek ALC3246 with Waves MaxxAudio Pro
Speakers	Two

Speaker output	• Average: 2 W • Peak: 2.5 W
Subwoofer	One
Subwoofer output	• Average: 3 W • Peak: 3.5 W
Microphone	Digital-array microphones in camera assembly
Volume controls	Media-control shortcut keys

Storage

Table 9. Storage specifications

Interface	• SATA 6 Gbps • PCIe/NVMe
Hard drive	One 2.5-inch drive (SATA)
Solid-state drive	One M.2 drive (SATA or PCIe/NVMe)

Media-card reader

Table 10. Media-card reader specifications

Type	One 2-in-1 slot
Cards supported	• SD card • MultiMedia Card (MMC)

Keyboard

Table 11. Keyboard specifications

Type	• Chiclet backlit keyboard (red/white)

	NOTE: The red backlit keyboard is available only in specific regions. • Non-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

Table 12. Camera specifications

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

Touch pad

Table 13. Touch pad

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

Power adapter

Table 14. Power adapter specifications

Type	130 W
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current (maximum)	2.50 A
Output current (continuous)	6.70 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

Table 15. Battery specifications

Type	6-cell “smart” lithium ion (74 WHr)
Width	177.80 mm (7 in)
Depth	87.85 mm (3.46 in)
Height	11.30 mm (0.44 in)
Weight (maximum)	0.36 kg (0.79 lb)
Voltage	11.10 VDC
Charging time (approximate)	4 hours (when the computer is off)
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)

	• Storage: –40°C to 65°C (–40°F to 149°F)		
Coin-cell battery	CR-2032		

Display

Table 16. Display specifications

Type	• 15-inch FHD non-touchscreen IPS (In-plane switching) panel • 15-inch FHD non-touchscreen TN (Twisted nematic) panel **NOTE: The TN panel is available only in specific regions.**	15-inch FHD touchscreen IPS (In-plane switching) panel	15-inch UHD non-touchscreen IPS (In-plane switching) panel
Resolution (maximum)	1920 x 1080	1920 x 1080	3840 x 2160
Viewing angle (Left/Right/Up/Down)	80/80/80/80 degrees	80/80/80/80 degrees	80/80/80/80 degrees
Pixel pitch	0.179 mm		0.090 mm
Height (excluding bezel)	193.59 mm (7.62 in)		194.40 mm (7.65 in)
Width (excluding bezel)	344.16 mm (13.55 in)		345.60 mm (13.61 in)
Diagonal (excluding bezel)	394.87 mm (15.55 in)		396.52 mm (15.61 in)
Refresh rate	60 Hz		

Operating angle	0 degree (closed) to 135 degrees
Controls	Brightness can be controlled using shortcut keys

Video

Table 17. Video specifications

	Integrated	Discrete
Controller	Intel HD Graphics 630	• NVIDIA GeForce GTX 1050 • NVIDIA GeForce GTX 1050 Ti
Memory	Shared system memory	4 GB GDDR5

Computer environment

Airborne contaminant level: G1 as defined by ISA-S71.04-1985

Table 18. Computer environment

	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

Table 19. List of 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
	Toggle keyboard backlight
	Decrease brightness
	Increase brightness
	Turn off/on wireless
	Pause/Break
	Sleep
	Toggle scroll lock

Keys	Description
Fn + H	Toggle between power and battery-status light/hard-drive activity light
Fn + R	System request
Fn + Ctrl	Open application menu
Fn + Esc	Toggle Fn-key lock
Fn + End	End
Fn + Home	Home
Fn + PgDn	Page down
Fn + PgUp	Page up

Getting help and contacting Dell

Self-help resources

You can get information and help on Dell products and services using these self-help resources:

Table 20. Self-help resources

Information about Dell products and services	www.dell.com
Dell Help & Support app	
Tips	
Contact Support	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
Dell knowledge base articles for a variety of computer concerns.	1 Go to www.dell.com/support. 2 Type the subject or keyword in the **Search** box. 3 Click **Search** to retrieve the related articles.
Learn and know the following information about your product: • Product specifications • Operating system	See *Me and My Dell* at www.dell.com/support/manuals.

- Setting up and using your product
- Data backup
- Troubleshooting and diagnostics
- Factory and system restore
- BIOS information

To locate the *Me and My Dell* relevant to your product, identify your product through one of the following:

- Select **Detect Product**.
- Locate your product through the drop-down menu under **View Products**.
- Enter the **Service Tag number** or **Product ID** in the search bar.

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.