

Inspiron 17 7000

2-in-1

Setup and Specifications

Computer Model: Inspiron 17-7773
Regulatory Model: P30E
Regulatory Type: P30E001



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.

Copyright © 2017 Dell Inc. or its subsidiaries. All rights reserved. Dell, EMC, and other trademarks are trademarks of Dell Inc. or its subsidiaries. Other trademarks may be trademarks of their respective owners.

2017-08

Rev. A01

Contents

- Set up your computer..... 5**
- Create a USB recovery drive for Windows..... 8**
 - Reinstall Windows using a USB recovery drive..... 8
- Views.....10**
 - Front..... 10
 - Left.....11
 - Right..... 12
 - Base.....13
 - Display..... 14
 - Bottom.....15
 - Modes.....16
 - Notebook..... 16
 - Tablet..... 16
 - Stand..... 16
 - Tent.....17
- Specifications.....18**
 - Computer model..... 18
 - Dimensions and weight..... 18
 - System information..... 18
 - Operating system.....18
 - Memory..... 19
 - Ports and connectors.....19
 - Communications..... 20

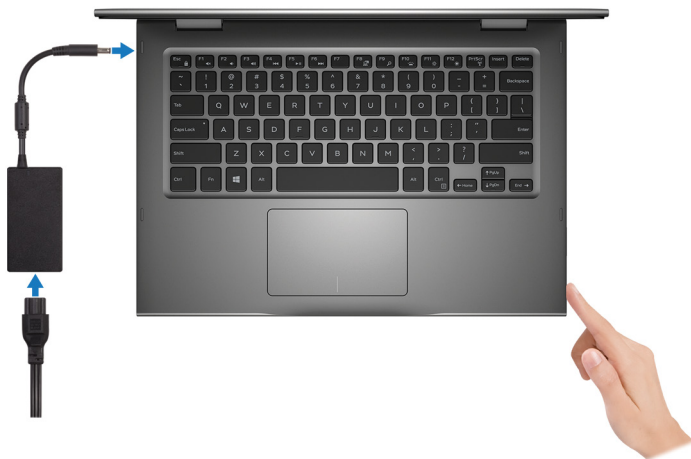


Wireless module.....	20
Video.....	20
Audio.....	21
Storage.....	21
Media-card reader.....	21
Keyboard.....	22
Camera.....	22
Touchpad.....	23
Power adapter.....	23
Battery.....	23
Display.....	24
Computer environment.....	25
Keyboard shortcuts.....	26
Getting help and contacting Dell.....	28
Self-help resources.....	28
Contacting Dell.....	29

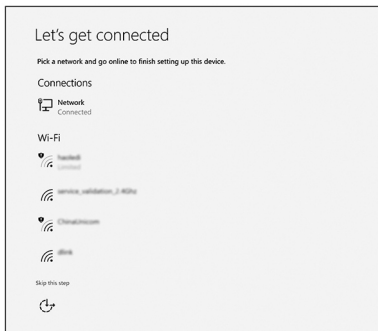


Set up your computer

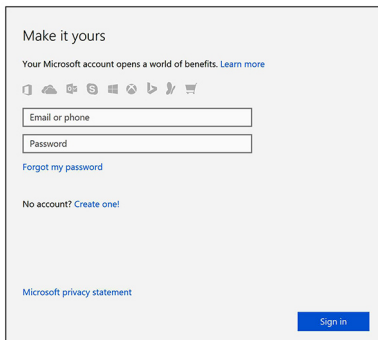
- 1 Connect the power adapter and press the power button.



- 2 Finish operating system setup.
- a) Connect to a network.



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



3 Locate Dell apps in Windows.

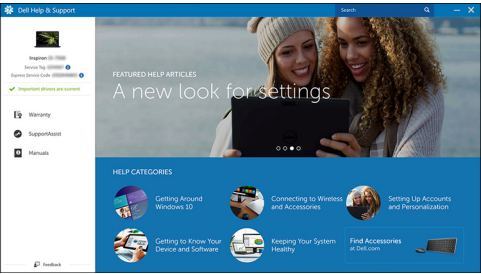
Table 1. Locate Dell apps



Register your computer



Dell Help & Support



SupportAssist—Check and update your computer

- 4 Create recovery drive for Windows. It is recommended to create a recovery drive to troubleshoot and fix problems that may occur with Windows. For more information, see [Create a USB recovery drive for Windows](#).



Create a USB recovery drive for Windows

Dell recommends that you create a recovery drive to troubleshoot and fix problems that may occur with Windows. An empty USB flash drive with a minimum capacity of 16 GB is required to create the recovery drive.



NOTE: The following steps may vary depending on the version of Windows installed. Refer to the [Microsoft support site](#) for latest instructions.

- 1 Connect the USB flash drive to your computer.
- 2 In Windows search, type `Recovery`.
- 3 In the search results, click **Create a recovery drive**.
The **User Account Control** window is displayed.
- 4 Click **Yes** to continue.
The **Recovery Drive** window is displayed.
- 5 Select **Back up system files to the recovery drive** and click **Next**.
- 6 Select the **USB flash drive** and click **Next**.
A message appears, indicating that all data in the USB flash drive will be deleted.
- 7 Click **Create**.



NOTE: This process may take several minutes to complete.

- 8 Click **Finish**.

Reinstall Windows using a USB recovery drive



CAUTION: This process formats the hard drive and removes all data on your computer. Ensure that you back up data on your computer before beginning this task.



NOTE: Before reinstalling Windows, ensure your computer has more than 2 GB of memory and more than 32 GB of storage space.

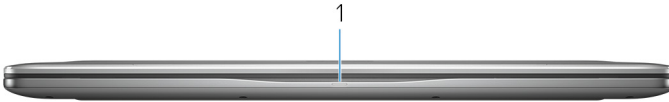
- 1 Connect the USB recovery drive to your computer.
- 2 Restart your computer.

- 3 Press F12 after the Dell logo is displayed on the screen to access the boot menu.
A **Preparing one-time boot menu** message appears.
- 4 After the boot menu loads, select the USB recovery device under **UEFI BOOT**.
The system reboots and a screen to **Choose the keyboard layout** is displayed.
- 5 Choose your keyboard layout.
- 6 In the **Choose an option** screen, click **Troubleshoot**.
- 7 Click **Recover from a drive**.
- 8 Choose one of the following options:
 - **Just remove my files** to do a quick format.
 - **Fully clean the drive** to do a complete format.
- 9 Click **Recover** to start the recovery process.
This will take several minutes to complete and your computer will restart during this process.



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.

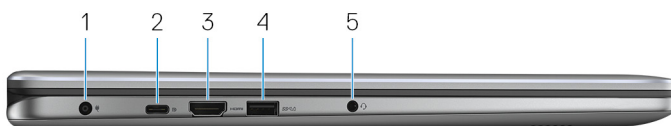
Off

- 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



NOTE: Hard-drive activity light is supported only on computers shipped with hard drive.

Left



1 Power-adapter port

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

2 USB 3.1 Gen 1 Type-C port

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

Supports Power Delivery that allows two-way power supply between devices. Provides up to 15 W power output that enables faster charging.



NOTE: Adapters (sold separately) are required to connect standard USB and DisplayPort devices.

3 HDMI port

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

4 USB 3.1 Gen 1 port with PowerShare

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

PowerShare allows you to charge your USB devices even when your computer is turned off.



NOTE: If your computer is powered 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 powered off or in sleep state. In such cases, turn on the computer to charge the device.

5 Headset port

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



Right



1 **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.

2 **Volume-control button**

Press to increase or decrease the volume.

3 **Media-card reader**

Reads from and writes to media cards.

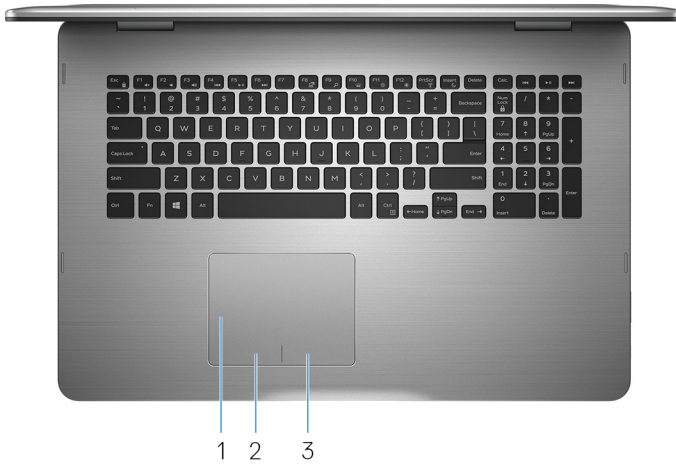
4 **USB 2.0 port**

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

5 **Security-cable slot (for Noble locks)**

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**

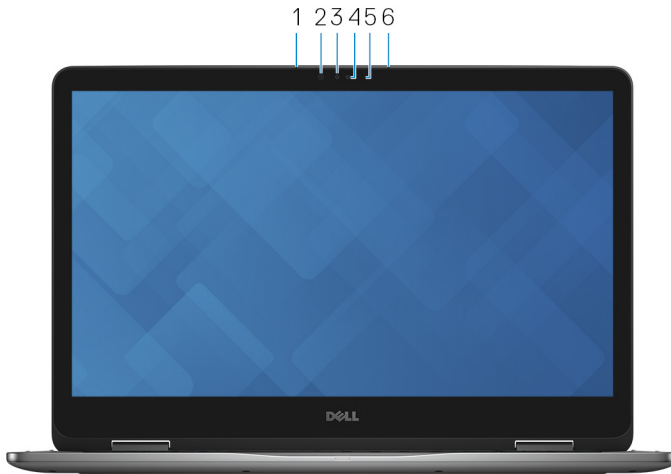
Press to left-click.

3 **Right-click area**

Press to right-click.



Display



1 Left microphone

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

2 Infrared emitter

Emits infrared light that enables infrared camera to sense depth and track motion.

3 Infrared camera

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

4 Camera

Allows 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, voice calls, and so on.

Bottom



1 Left speaker

Provides audio output.

2 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.

3 Right speaker

Provides audio output.



Modes

Notebook



Tablet



Stand



Tent



Specifications

Computer model

Table 2. Computer model

Computer model	Inspiron 17-7773
----------------	------------------

Dimensions and weight

Table 3. Dimensions and weight

Height	22.10 mm (0.87 in)
Width	412.50 mm (16.24 in)
Depth	277.50 mm (10.92 in)
Weight	2.94 kg (6.49 lb)



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

System information

Table 4. System information

Processor	8th Generation Intel Core i5/i7
Chipset	Integrated in processor

Operating system

Table 5. Operating system

Operating systems supported	• Ubuntu
-----------------------------	--



- Windows 10 Pro Standard
- Windows 10 Home Standard
- Windows 10 Home Plus

Memory

Table 6. Memory specifications

Slots	Two SODIMM slots
Type	Dual-channel DDR4
Speed	2400 MHz
Configurations supported	
Per memory module slot	4 GB, 8 GB, and 16 GB
Total memory	4 GB, 8 GB, 12 GB, and 16 GB

Ports and connectors

Table 7. Ports and connectors

External	
USB	• USB 3.1 Gen 1 Type-C port • One USB 3.1 Gen 1 port with PowerShare • One USB 2.0 port
Audio/Video	• One HDMI 1.4b port • One headset (headphone and microphone combo) port

Table 8. Ports and connectors

Internal	
M.2 Card	• One M.2 slot for SSD card



Internal

- One M.2 slot for WiFi/Bluetooth

Communications

Table 9. Supported communications

Wireless	• Wi-Fi 802.11ac • Bluetooth 4.0 • Miracast
----------	---

Wireless module

Table 10. Wireless module specifications

Type	Intel 3165	QCA61x4A (DW1820)
Transfer rate	Up to 433 Mbps	Up to 867 Mbps
Frequency bands supported	Dual band 2.4 GHz/5 GHz	Dual band 2.4 GHz/5 GHz
Encryption	• 64-bit and 128-bit WEP • CKIP • TKIP • AES-CCMP	• 64-bit and 128-bit WEP • CKIP • TKIP • AES-CCMP

Video

Table 11. Video specifications

Controller	NVIDIA GeForce MX150
Memory	Up to 4 GB GDDR5



Audio

Table 12. Audio specifications

Controller	Realtek ALC3253-VA3 with Waves MaxxAudio Pro
Speakers	Two
Output	• Average: 2 W • Peak: 2.5 W
Microphone	Digital-array microphones in camera assembly
Volume controls	Media-control shortcut keys and volume- control button

Storage

Table 13. Storage specifications

Interface	SATA 6 Gbps
Hard drive	One 2.5-inch drive
Solid-state drive (SSD)	• One M.2 drive • One 2.5-inch drive
Capacity	
Hard drive	Up to 2 TB
SSD	Up to 1 TB

Media-card reader

Table 14. Media-card reader specifications

Type	One SD card slot
Cards supported	SD card



Keyboard

Table 15. Keyboard specifications

Type	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: Press Fn+Esc to switch the primary behavior of the function keys (F1–F12) between two modes – multimedia key mode and function key mode.  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 16. Camera specifications

Resolution	Camera • Still Image: 0.92 megapixel • Video: 1280x720 (HD) at 30 fps (maximum) Infrared camera 640 x 480 (VGA) Camera 74 degrees
Diagonal viewing angle	



Infrared camera

60 degrees

Touchpad

Table 17. Touchpad

Resolution	• Horizontal: 1260 • Vertical: 960
Dimensions	• Height: 80 mm (3.15 in) • Width: 105 mm (4.13 in)

Power adapter

Table 18. Power adapter specifications

Type	65 W
Diameter (connector)	4.5 mm
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current (maximum)	1.60 A/1.70 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)

Battery

Table 19. Battery specifications

Type	4-cell “smart” lithium ion (56 WHr)
Dimensions	



Height	5.90 mm (0.23 in)
Width	98.20 mm (3.87 in)
Depth	233.37 mm (9.19 in)
Weight (maximum)	0.25 kg (0.55 lb)
Voltage	15.20 VDC
Charging time (approximate)	4 hrs (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 20. Display specifications

Type	17.3-inch FHD touch screen IPS (In-plane switching) panel
Resolution (maximum)	1920 x 1080
Viewing angle (Left/Right/Up/Down)	80/80/80/80
Pixel pitch	0.1989 mm
Refresh rate	60 Hz
Operating angle	0 degrees (closed) to 360 degrees
Controls	Brightness can be controlled using shortcut keys
Height	252.50 mm (9.94 in)
Width	400 mm (15.75 in)

Diagonal

439.42 mm (17.30 in)

Computer environment

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

Table 21. 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)	–15.20 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



NOTE: Keyboard characters may differ depending on the keyboard language configuration. Keys used for shortcuts remain the same across all language configurations.

Table 22. 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
+	Toggle scroll lock



Keys	Description
 + 	Toggle Fn-key lock
 + 	Pause/Break
 + 	Sleep
 + 	System request
 + 	Open application menu
 + 	Toggle between power and battery-status light/hard-drive activity light
	 NOTE: Hard-drive activity light is supported only on computers shipped with a hard drive.
 + 	Home
 + 	End
 + 	Page up
 + 	Page down

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 23. 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
Dell knowledge base articles for a variety of computer concerns.	1 Go to www.dell.com/support. 2 At the top-right corner, 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	See <i>Me and My Dell</i> at www.dell.com/support/manuals .



- Operating system
- 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** into 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.

