Inspiron 17 7000

2-in-1

Setup and Specifications

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.**

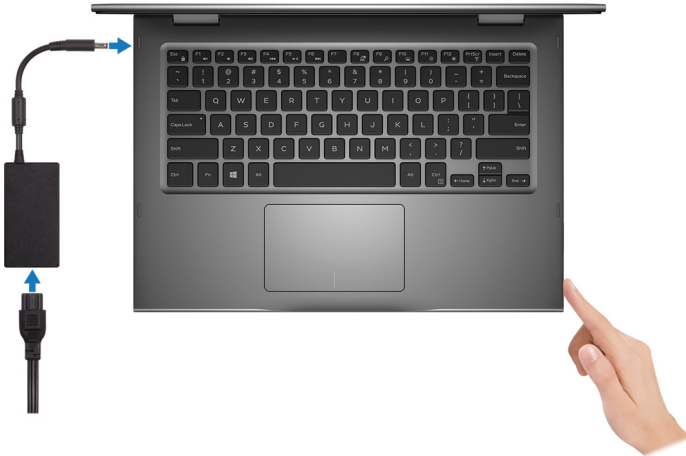> **WARNING: A WARNING indicates a potential for property damage, personal injury, or death.**

Rev. A05

Contents

Set up your computer

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

2. Finish operating system setup.

   a) Connect to a network.
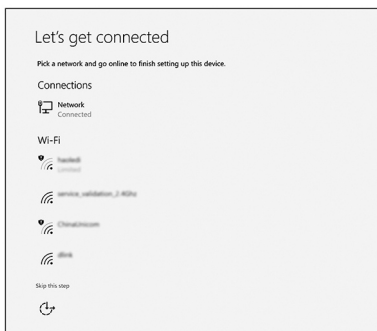
   b) Sign-in to your Microsoft account or create a new account.
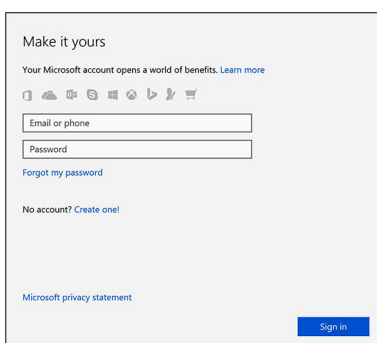
3. Locate Dell apps in Windows.

Table 1. Locate Dell apps

Register your computer

Dell Help & Support
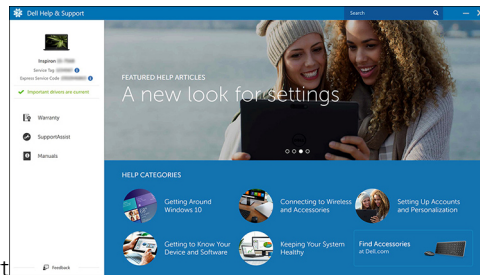
SupportAssist—Check and update your computer

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

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.

(i) **NOTE: This process may take up to an hour to complete.**

(i) **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**.
8. Click **Finish**.

Topics:

- Reinstall Windows using a USB recovery drive

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.**

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

(i) **NOTE: This process may take up to an hour to complete and your computer will restart during the recovery process.**

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.

Views

Topics:

Front
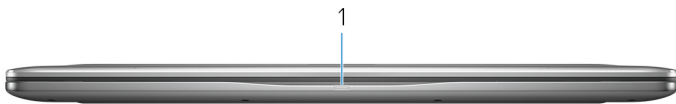
1. **Power and battery-status light/hard-drive activity light**

   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.
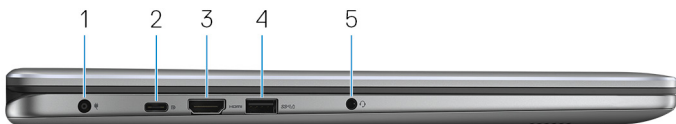
   Amber — Computer is running on battery and the battery has less than 5% charge.

   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 to 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**
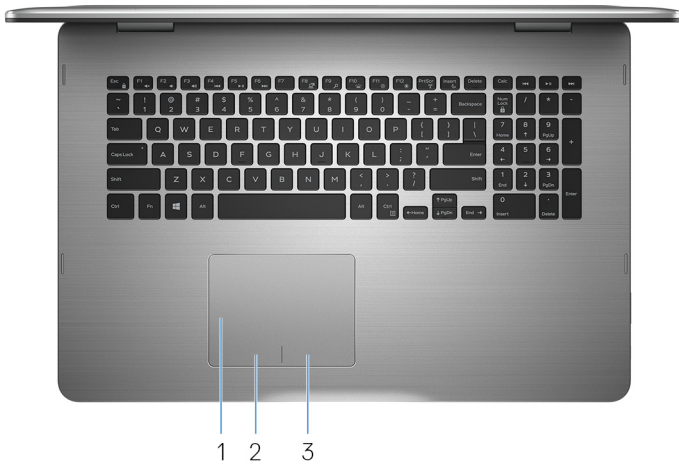
Reads from and writes to media cards.

4. **USB 2.0 port**

Connect peripherals such as external 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.
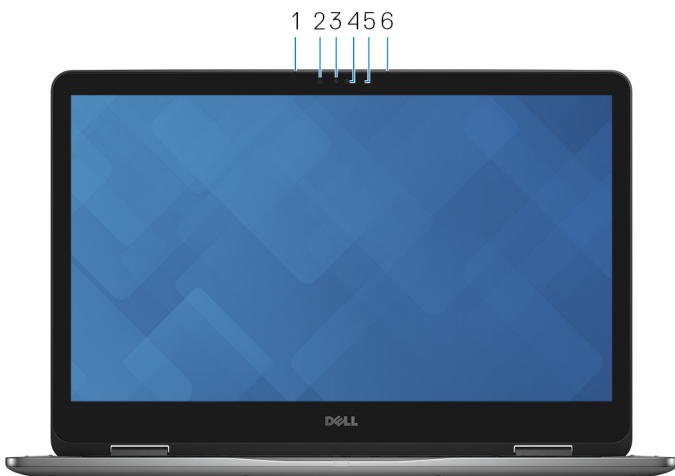2. **Left-click area**

   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

4

Specifications

Topics:

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, 16 GB, and 32 GB

Intel Optane memory (optional)

Intel Optane memory functions only as a storage accelerator. It neither replaces nor adds to the memory (RAM) installed on your computer.

> (i) **NOTE: Intel Optane memory is supported on computers that meet the following requirements:**
> - **7th Generation or higher Intel Core i3/i5/i7 processor**
> - **Windows 10 64-bit version or higher (Anniversary Update)**
> - **Intel Rapid Storage Technology driver version 15.9 or higher**

Table 7. Intel Optane memory specifications

Type	Storage accelerator
Interface	PCIe 3x4
Connector	M.2 Card slot (2280)
Configurations supported	16 GB

> (i) **NOTE: For Inspiron 17-7773, the Intel Optane memory (purchased separately) is offered only with configurations shipped with hard drive.**

Ports and connectors

Table 8. 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 9. Ports and connectors

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

Communications

Table 10. Supported communications

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

Wireless module

Table 11. 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 12. Video specifications

Controller	NVIDIA GeForce MX150
Memory	Up to 4 GB GDDR5

Audio

Table 13. 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 14. 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 15. Media-card reader specifications

| Type | One SD card slot |
| Cards supported | SD card |

Keyboard

Table 16. 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 17. Camera specifications

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

Touchpad

Table 18. Touchpad

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

Power adapter

Table 19. Power adapter specifications

Type	65 W
Diameter (connector)	4.5 mm x 2.9 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 20. 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 21. 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 22. 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 23. List of 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
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
Fn + R	System request
Fn + Ctrl	Open application menu
Fn + H	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.**

Keys	Description
Fn + **← Home**	Home
Fn + **End →**	End
Fn + **↑ PgUp**	Page up
Fn + **↓ PgDn**	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 24. Self-help resources

Information about Dell products and services	www.dell.com
Dell Help & Support app	
Tips	
Contact Support	In Windows search, type `Contact 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 • Setting up and using your product • Data backup • Troubleshooting and diagnostics • Factory and system restore • BIOS information	See *Me and My Dell* at www.dell.com/support/manuals. 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.**