Inspiron 17 5000
Setup and Specifications

Computer Model: Inspiron 5775
Regulatory Model: P35E
Regulatory Type: P35E002

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.

© 2018 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.

2018 - 02

Rev. A00

Contents

Set up your computer..... 5

Create a USB recovery drive for Windows..... 7

Reinstall Windows using a USB recovery drive..... 7

Views..... 9

Left..... 9

Right..... 10

Display..... 11

Base..... 12

Bottom..... 13

Specifications..... 14

Computer model..... 14

System information..... 14

Operating system..... 14

Dimensions and weight..... 14

Memory..... 15

Ports and connectors..... 15

Communications..... 16

Wireless module..... 16

Audio..... 17

Storage..... 17

Media-card reader..... 18

Keyboard..... 18

Camera..... 19

Touchpad..... 19

Touchpad gestures....19
Power adapter....19
Battery....20
Video....21
Display....21
Computer environment....22

Keyboard shortcuts....23

Getting help and contacting Dell....25
Self-help resources....25
Contacting Dell....26

Set up your computer

1 Connect the power adapter and press the power button.

NOTE: To conserve battery power, the battery might enter power saving mode. Connect the power adapter and press the power button to turn on the computer.

2 Finish operating system setup.

For Ubuntu:

Follow the on-screen instructions to complete the setup.

For Windows:

Follow the on-screen instructions to complete the setup. When setting up, Dell recommends that you:

- Connect to a network for Windows updates.

  NOTE: If connecting to a secured wireless network, enter the password for the wireless network access when prompted.

- If connected to the internet, sign-in with or create a Microsoft account. If not connected to the internet, create an offline account.
- On the **Support and Protection** screen, enter your contact details.

3 Locate and use Dell apps from the Windows Start menu—Recommended

Table 1. Locate Dell apps

Dell Product Registration

Register your computer with Dell.

Dell Help & Support

Access help and support for your computer.

SupportAssist

Proactively checks the health of your computer's hardware and software.

NOTE: Renew or upgrade your warranty by clicking the warranty expiry date in SupportAssist.

Dell Update

Updates your computer with critical fixes and important device drivers as they become available.

Dell Digital Delivery

Download software applications including software that is purchased but not pre-installed on your computer.

4 Create recovery drive for Windows.

NOTE: 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.

NOTE: This process may take up to an hour to complete.

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**.

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.

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

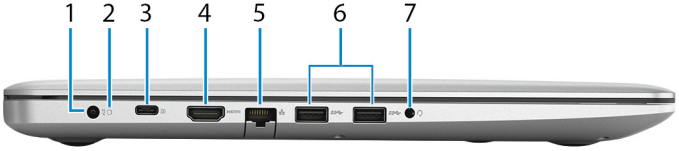
1. Connect the USB recovery drive to your computer.
2. Restart your computer.
3. Press F12 after the Dell logo is displayed on the screen to access the boot menu.

   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

Left



1 **Power-adapter port**

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

2 **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 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.

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

Battery-status light

Indicates the 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.

3 **USB 3.1 Gen 1 (Type-C) port with Power Delivery/DisplayPort (optional)**

Connect peripherals such as external storage devices, printers, and external displays.

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

NOTE: An adapter (sold separately) is required to connect a DisplayPort 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.

6 **USB 3.1 Gen 1 ports (2)**

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

7 **Headset port**

Connect headphones 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 external storage devices and printers. Provides data transfer speeds up to 480 Mbps.

3 **Optical drive**

Reads from and writes to CDs, DVDs, and Blu-ray discs.

NOTE: Blu-ray support is only available in certain regions.

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

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

Display

1 **Left microphone**

Provides digital sound input for audio recording and voice calls.

2 **Camera**

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

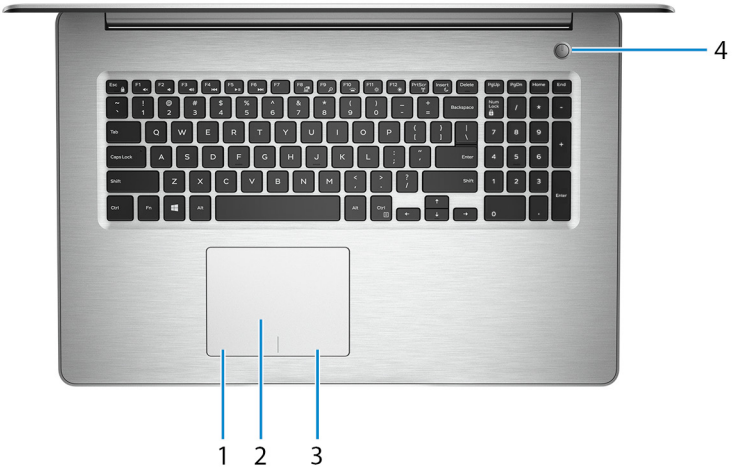
3 **Camera-status light**

Turns on when the camera is in use.

4 **Right microphone**

Provides digital sound input for audio recording and voice calls.

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 with optional fingerprint reader**

Press to turn on the computer if it is turned off, in sleep state, or in hibernate state.

When the computer is turned on, press the power button to put the computer into sleep state; press and hold the power button for 4 seconds to force shut-down the computer.

If the power button has a fingerprint reader, place your finger on the power button to log in.

NOTE: Before using the fingerprint reader, configure it in Windows to recognize your fingerprint as a passcode and enable access. For more information, see www.dell.com/support/windows.

NOTE: You can customize power-button behavior in Windows. For more information, see *Me and My Dell* at www.dell.com/support/manuals.

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.

Specifications

Computer model

Table 2. Computer model

Computer model	Inspiron 5775

System information

Table 3. System information

Processor	• AMD Ryzen 7 2700U • AMD Ryzen 5 2500U • AMD Ryzen 3 2200U
Chipset	Integrated in processor

Operating system

Table 4. Operating system

Operating systems supported	• Windows 10 Home (64-bit) • Windows 10 Professional (64-bit) • Ubuntu

Dimensions and weight

Table 5. Dimensions and weight

Height	25 mm (0.98 in)
Width	415.40 mm (16.35 in)
Depth	279.20 mm (11 in)
Weight	2.87 kg (6.33 lb)

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

Memory

Table 6. Memory specifications

Slots	Two SODIMM slots
Type	Dual-channel DDR4
Speed	Up to 2400 MHz
Configurations supported:	
Per memory module slot	2 GB, 4 GB, 8 GB, and 16 GB
Total memory	4 GB, 6 GB, 8 GB, 12 GB, 16 GB, and 32 GB

Ports and connectors

Table 7. Ports and connectors

External:	
Network	One RJ-45 port
USB	• One USB 3.1 Gen 1 (Type-C) with Power Delivery/DisplayPort (optional) • Two USB 3.1 Gen 1 ports • 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 slot	• One M.2 slot for the Wi-Fi and Bluetooth combo card • One M.2 slot for solid-state drive
Technology supported	PCI Express

Communications

Table 9. Supported communications

Ethernet	10/100 Mbps Ethernet controller integrated on system board
Wireless	• Wi-Fi 802.11ac + Wi-Fi 802.11a/b/g/n • Wi-Fi 802.11b/g/n • Bluetooth 4.0 • Bluetooth 4.1 • Bluetooth 4.2 **NOTE: Windows 10 currently supports up to Bluetooth 4.1.**

Wireless module

Table 10. Wireless module specifications

Transfer rate	Up to 433 Mbps	Up to 867 Mbps	Up to 150 Mbps
Frequency bands supported	Dual band 2.4 GHz/5 GHz	Dual band 2.4 GHz/5 GHz	2.4 GHz only
Encryption	• 64-bit and 128-bit WEP • CKIP • TKIP • AES-CCMP	• 64-bit and 128-bit WEP • CKIP • TKIP • AES-CCMP	• 64-bit and 128-bit WEP • CKIP • TKIP • AES-CCMP

Audio

Table 11. Audio specifications

Controller	Realtek ALC3234 with Waves MaxxAudio Pro
Speakers	Two
Speaker output	• Average: 2 W • Peak: 2.5 W
Microphone	Digital-array microphones

Storage

Table 12. Storage specifications

Storage type	Interface type	Capacity
Hard drive (2.5-inch) or M.2 Solid-state drive (using interposer)	• Hard drive: SATA 6 Gbps • Solid-state drive: SATA 6 Gbps to M.2 using interposer	• Hard drive: Up to 2 TB (5400 rpm) • Solid-state drive: Up to 256 GB
Solid-state drive (M.2)	NVMe	Up to 512 GB
Optical drive	SATA 1.5 Gbps	One 9.5 mm DVD+/-RW drive or Blu-ray Disc writer **NOTE: Blu-ray support is only available in certain regions.**

Media-card reader

Table 13. Media-card reader specifications

Type	One SD-card slot
Cards supported	SD card

Keyboard

Table 14. Keyboard specifications

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: 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 shortcut keys by pressing Fn+Esc or by changing Function Key Behavior in System Setup.** Keyboard shortcuts

Camera

Table 15. Camera specifications

Resolution	• Still image: 0.92 megapixel • Video: 1280 x 720 (HD) at 30 fps
Diagonal viewing angle	75 degrees

Touchpad

Table 16. Touchpad

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

Touchpad gestures

For more information about touchpad gestures for Windows 10, see the Microsoft knowledge base article 4027871 at support.microsoft.com.

Power adapter

Table 17. Power adapter specifications

Type	• 45 W: For computers shipped with integrated graphics card • 65 W: For computers shipped with discrete graphics card
Diameter (connector)	4.5 mm
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)
Storage	–40°C to 70°C (–40°F to 158°F)

Battery

Table 18. Battery specifications

Type	3-cell "smart" lithium ion (42 WHr)
Dimensions:	
Width	184.15 mm (7.25 in)
Depth	97.15 mm (3.82 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)
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.

Video

Table 19. Video specifications

	Integrated	Discrete
Controller	• AMD Radeon Vega[10] Mobile Graphics on computers shipped with AMD Ryzen 7 2700U processor • AMD Radeon Vega[8] Mobile Graphics on computers shipped with AMD Ryzen 5 2500U processor • AMD Radeon Vega[3] Mobile Graphics on computers shipped with AMD Ryzen 3 2200U processor	AMD Radeon 530
Memory	Shared system memory	Up to 4 GB GDDR5

Display

Table 20. Display specifications

Type	17.3-inch HD+ Non-touchscreen TN (Twisted Nematic) panel	17.3-inch FHD Non-touchscreen IPS (In-Plane Switching) panel
Resolution (maximum)	1600 x 900	1920 x 1080
Viewing angle	40/40/10/30	80/80/80/80
Pixel pitch	0.2388 mm	0.1989 mm
Dimensions		
Height (excluding bezel)	382.08 mm (15.04 in)	381.89 mm (15.03 in)
Width (excluding bezel)	214.92 mm (8.46 in)	214.81 mm (8.46 in)

Type		17.3-inch HD+ Non-touchscreen TN (Twisted Nematic) panel	17.3-inch FHD Non-touchscreen IPS (In-Plane Switching) panel
	Diagonal (excluding bezel)	439.42 mm (17.30 in)	439.42 mm (17.30 in)
Refresh rate		60 Hz	
Operating angle		0 degrees (closed) to 135 degrees	
Controls		Brightness can be controlled using shortcut keys	

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 (optional)
	Decrease brightness
	Increase brightness
	Turn off/on wireless
	Toggle Scroll Lock

Keys	Description
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 battery-status light and hard-drive activity light **NOTE: Hard-drive activity light is supported only on computers shipped with a hard drive.**

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	
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	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.