Inspiron Gaming Desktop 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.

Contents

Set up your computer

1 Connect the keyboard and mouse

2 Connect the network cable — optional.

3 Connect the display.

4 Connect the power cable.

5 Press the power button.

6 Finish operating system setup.

For Windows:

a) Connect to a network.
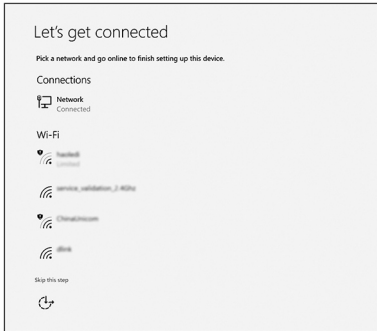
b) Sign-in to your Microsoft account or create a new account.
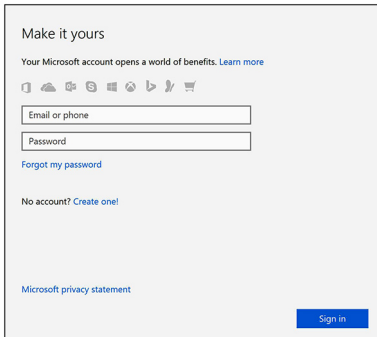
For Ubuntu:

Follow the instructions on the screen to finish setup.

7   Locate Dell apps in Windows.

Table 1. Locate Dell apps

Register your computer

Dell Help & Support

SupportAssist—Check and update your computer

Views

Front

1   **Slim optical drive**

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

2   **Optical-drive bay**

Provides access to a second optical drive (sold separately).

3   **USB 3.1 Generation 1 (Type-C) port (only with computers shipped with AMD Ryzen 3/Ryzen 5/Ryzen 7 processors)**

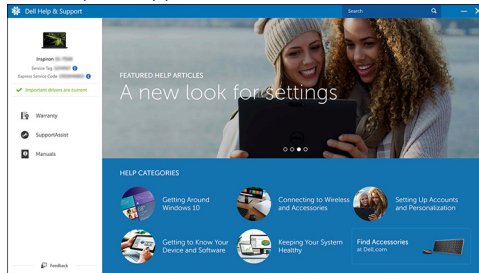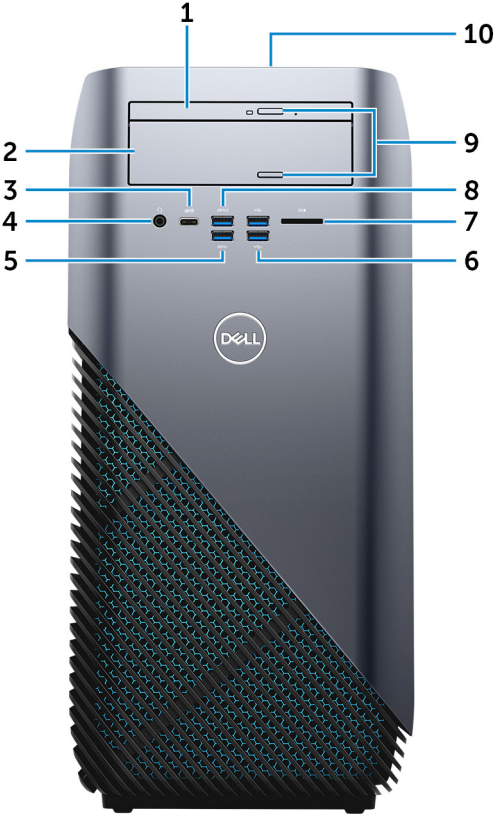Connect peripherals such as external storage devices, printers, and external displays. Provides data transfer speeds up to 5 Gbps.

4   **Headset port**

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

5   **USB 3.1 Generation 1 port**

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

6   **USB 2.0 ports (2)**

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

7   **Media-card reader**

Reads from and writes to media cards.

8   **USB 3.0 port with PowerShare**

Connect peripherals such as 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.**

9   **Optical-drive eject buttons (2)**

Press to open or close the optical drive tray.

10   **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 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.**

Back
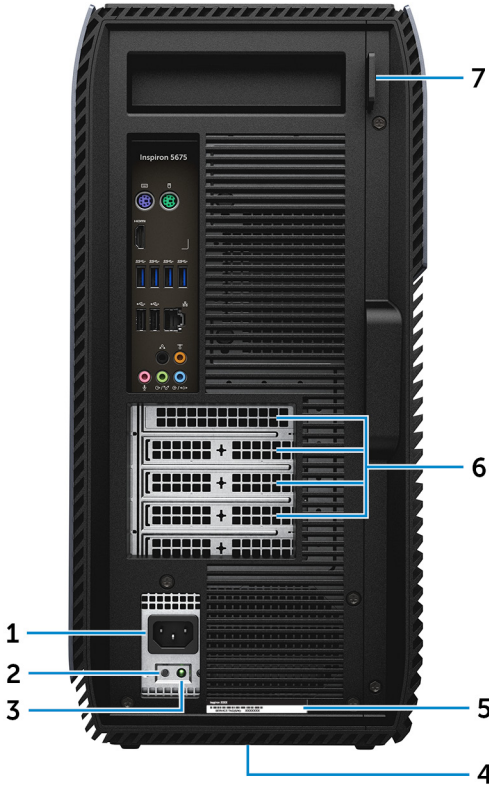
1 **Power port**

Connect a power cable to provide power to your computer.

2 **Power-supply diagnostics button**

Press to check the power-supply state.

3 **Power-supply diagnostics light**

Indicates the power-supply state.

4   **Regulatory label**

Contains regulatory information of your computer.

5   **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.

6   **PCI-Express slots (4)**

Connect a PCI-Express card such as graphics, audio, or network card to enhance the capabilities of your computer.
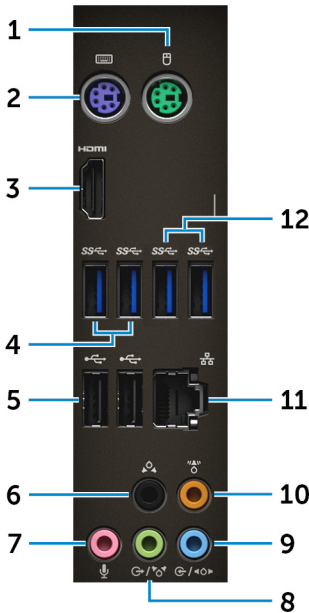
7   **Padlock rings**

Attach a standard padlock to prevent unauthorized access to the interior of your computer.

Back panel

1   **PS/2 port (mouse)**

Connect a PS/2 mouse.

2   **PS/2 port (keyboard)**

Connect a PS/2 keyboard.

3   **HDMI port (only with computers shipped with AMD Quad-Core APU processors)**

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

4   **USB 3.1 Generation 1 port (2)**

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

5   **USB 2.0 ports (2)**

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

6   **Rear L/R surround port**

Connect audio-output devices such as speakers and amplifiers. In a 5.1 speaker channel setup, connect the rear-left and rear-right speakers.

7   **Microphone port**

Connect an external microphone to provide sound input.

8   **Line-out/Front L/R surround port**

Connect audio-output devices such as speakers and amplifiers. If you have a surround-sound speaker system, connect the front-left and front-right speakers to this port.

9   **Line-in/Side L/R surround port**

Connect recording or playback devices such as a microphone and CD player. If you have a surround-sound speaker system, connect the side-left and side-right speakers to this port.

10 **Center/subwoofer LFE surround port**

Connect the subwoofer.

11 **Network port**

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

12 **USB 3.1 Generation 1 port (2) (only with computers shipped with AMD Ryzen 3/Ryzen 5/Ryzen 7 processors)**

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

Specifications

Dimensions and weight

Table 2. Dimensions and weight

Height	458.86 mm (18.07 in)
Width	216 mm (8.5 in)
Depth	437.53 mm (17.23 in)
Weight (maximum)	13.742 kg (30.27 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 5675
Processor	• AMD Ryzen 7 1700X • AMD Ryzen 5 1600X • AMD Ryzen 5 1400 • AMD Ryzen 3 • 7th Generation AMD A10-9700 Quad-Core APU with Radeon R7 graphics • 7th Generation AMD A12-9800 Quad-Core APU with Radeon R7 Graphics
System chipset	AMD Promontory X370

Memory

Table 4. Memory

Slots	Two UDIMM slots
Type	DDR4
Speed	2400 MHz (65W)
Configurations supported	4GB, 8GB, 16GB, 24GB, and 32GB

Ports and connectors

Table 5. Ports and connectors

External	
Network	One RJ45 port
USB	• One USB 3.0 port with PowerShare • One USB 3.1 Generation 1 (Type-C) port (only with computers shipped with AMD Ryzen 3/Ryzen 5/Ryzen 7 processors) • Two USB 3.1 Generation 1 ports (only with computers shipped with AMD Ryzen 3/Ryzen 5/Ryzen 7 processors) • Three USB 3.1 Generation 1 ports • Four USB 2.0 ports
Audio/Video	• One HDMI port (only with computers shipped with AMD Quad-Core APU processors) • One microphone port • One rear L/R surround port • One line-out/Front L/R surround port • One line-in/Side L/R surround port

External	
	• One Center/Subwoofer LFE surround port

Media-card reader

Table 6. Media-card reader

Type	One 3-in-1 slot
Cards supported	• SD card • SD High Capacity (SDHC) card • SD Extended Capacity (SDXC) card

Communications

Table 7. Communications

Ethernet	10/100/1000 Mbps Ethernet controller integrated on system board
Wireless	• M.2 802.11a/b/g/n • Bluetooth 4.2

Audio

Table 8. Audio

Controller	Realtek ALC3861
Type	Integrated 7.1 channel Intel High Definition Audio

Storage

Table 9. Storage

	AMD Quad-Core APU processor	AMD Ryzen 3/Ryzen 5/ Ryzen 7 processor
Interface	SATA 6 Gbps	• SATA 6 Gbps • PCIe/NVMe
Solid-state drive	One M.2 drive (SATA)	• One M.2 drive (SATA) • One M.2 drive (PCIe/ NVMe)
Hard drive	• One 2.5-inch hard drive • Two 3.5-inch hard drive	
Optical drive	• One 9.5 mm slim optical drive • One optical drive (sold separately)	
Capacity		
Hard drive	Up to 2 TB	
SSD	Up to 256 GB	

Power Ratings

Table 10. Power ratings

Type	• 300 W • 460 W • 850 W (only with computers shipped with AMD Ryzen 3/Ryzen 5/Ryzen 7 processors)
Input Voltage	100 VAC to 240 VAC
Input frequency	50 Hz to 60 Hz

Input current		4.5 A/8.0 A/9.0 A/10.0A
Temperature range		
	Operating	5°C to 50°C (41°F to 122°F)
	Storage	-40°C to 70°C (-40°F to 158°F)

Video

Table 11. Video

	Integrated	Discrete
Controller	AMD 3rd Generation (UMA) (only with computers shipped with AMD Quad-Core APU processors)	• AMD RX 560 • AMD RX 570 • AMD RX 580 • NV GTX 1060 • One PCI-Express X16, single-width/double-width, full length (maximum 10.5 inches) • Two PCI-Express X16, single-width/double-width, full length (maximum 10.5 inches) (only with computers shipped with AMD Ryzen 3/Ryzen 5/Ryzen 7 processors) **NOTE: The graphics configuration of your desktop varies depending on the graphics card configuration ordered.**
Memory	Shared system memory	• 2 GB GDDR5 • 4 GB GDDR5 • 6 GB GDDR5 • 8 GB GDDR5

Computer environment

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

Table 12. 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.

Dell Light Bar Controller

Dell Light Bar Controller helps you to enable or disable the chassis lights.

1   Click **Start → Dell Light Bar Controller**.
2   Click **Dell Light Bar Controller** and select **On** to enable or **Off** to disable the chassis lights.

If the Dell Light Bar Controller is not available in your computer, download the application from www.dell.com/support.

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 13. 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.