Manuals+ — User Manuals Simplified.

DELL Inspiron 3470 Small Desktop Computer Instructions
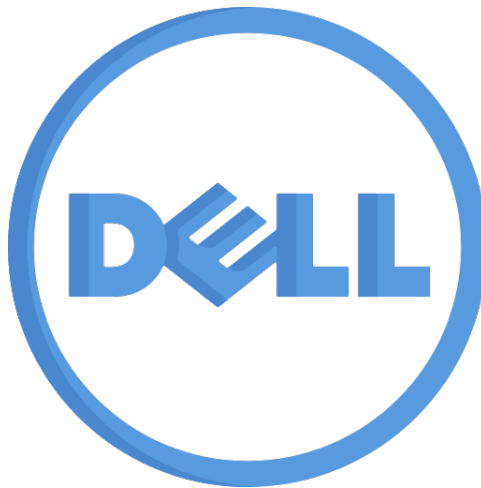
**Inspiron 3470
Setup and Specifications**

**Computer Model: Inspiron 3470
Regulatory Model: D13S
Regulatory Type: D13S003**

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 [**hide**]

Set up your computer

⚠️ **CAUTION: To ensure good airflow and prevent overheating, place the system in an open area, at least 2 inches/5 cm away from walls. Ensure that air vents on the system are clear of any obstructions.**

1. Connect the keyboard and mouse.

ⓘ **NOTE: For setup instructions, see the documentation shipped with the keyboard and mouse.**

2. Connect the network cable—Optional.

3. Connect the display.

ⓘ **NOTE: If you ordered your computer with a discrete graphics card, connect the display to the discrete graphics card.**

4. **Connect the power cable.**

5. Press the power button.

6. 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.

7.

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

Table 1. Locate Dell apps

Resources	Description
	My Dell Centralized location for key Dell applications, help articles, and other important information about your computer. It also notifies you about the warranty status, recommended accessories, and software updates if available.
	SupportAssist Proactively checks the health of your computer's hardware and software. The SupportAssist OS Recovery tool troubleshoots issues with the operating system. For more information, see the SupportAssist documentation at **www.dell.com/support**. ⓘ**NOTE: In SupportAssist, click the warranty expiry date to renew or upgrade your warranty.**
	Dell Update Updates your computer with critical fixes and the latest device drivers as they become available. For more information about using Dell Update, see the knowledge base article SLN305843 at **www.dell.com/support**.
	Dell Digital Delivery Download software applications, which are purchased but not pre-installed on your computer. For more information about using Dell Digital Delivery, see the knowledge base article 153764 at **www.dell.com/support**.

9. 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.

(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 Driv**e window is displayed.
5. Select **Back up system files to the recovery driv** e and click **Next**.
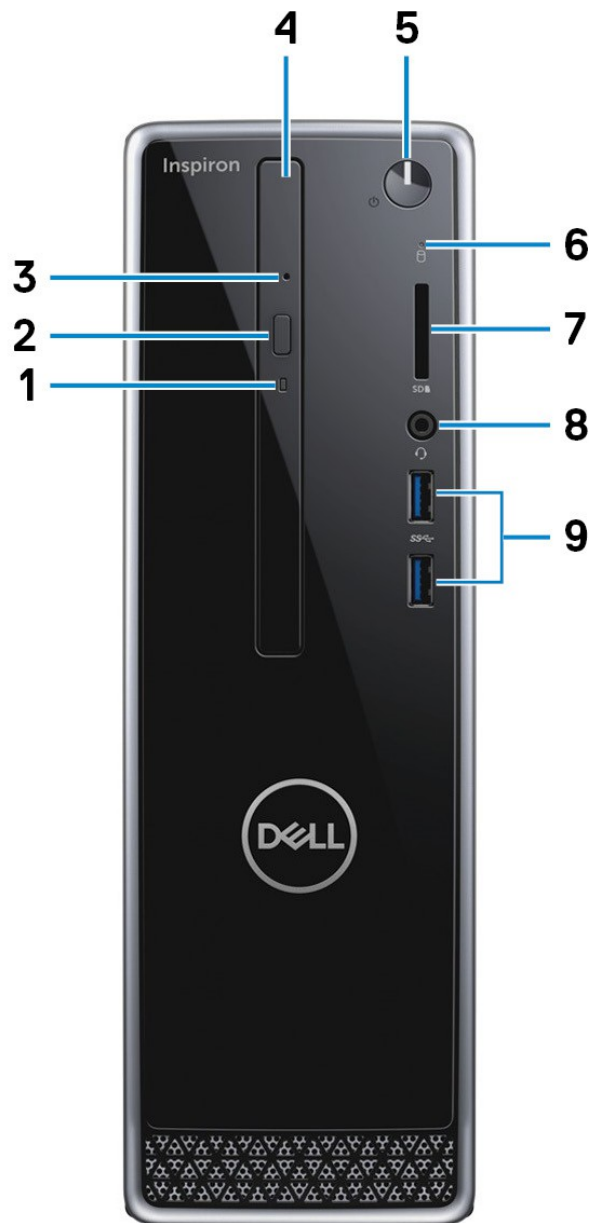6. Select the **USB flash drive** and click **Next**.

   A message appears, indicating that all data in the USB flash drive will be deleted.
7. Click **Create**.
8. Click **Finish**.

   For more information about reinstalling Windows using the USB recovery drive, see the Troubleshooting section of your product's Service Manual at **www.dell.com/support/manuals**.

Views of Inspiron 3470

Front

1. **Optical-drive activity light**

   Turns on when the computer reads from or writes to the optical disc.

2. **Optical-drive eject button**

   Press to open the optical drive tray.

3. **Optical-drive emergency eject pinhole**

   Used to eject the optical-drive tray manually if the optical-drive eject button fails.

   NOTE: For more information about manually ejecting optical-drive trays, see the knowledge base article SLN301118 at www.dell.com/support.

4. **Optical drive (optional)**

   Reads from and writes to CDs and DVDs.

5. **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 a 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 www.dell.com/support/manuals.

6. **Hard-drive activity light**

   Turns on when the computer reads from or writes to the hard drive.

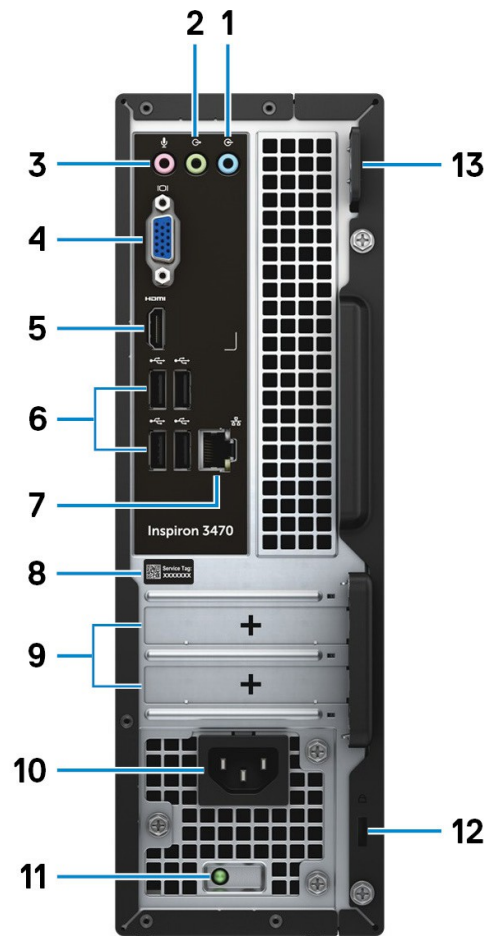7. **SD-card slot**

   Reads from and writes to the SD card.

8. **Headset port**

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

9. **USB 3.1 Gen 1 ports (2)**

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

Back

1. **Line-in port**

   Connect recording or playback devices such as a microphone or CD player.

2. **Line-out port**

   Connect speakers.

3. **Microphone port**

   Connect an external microphone to provide sound input.

4. **VGA port**

   Connect an external display or a projector.

5. **HDMI port**

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

6. **USB 2.0 ports (4)**

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

Mbps.

7. **Network port (with lights)**

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

   The two lights next to the connector indicate the connectivity status and network activity.

8. **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.

9. **Expansion-card slots**

   Provide access to ports on any installed PCI Express cards.

10. **Power port**

    Connect a power cable to provide power to your computer.

11. **Power-supply diagnostics light**

    Indicates the power-supply state.

12. **Security-cable slot (for Kensington locks)**

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

13. **Padlock ring(s)**

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

Specifications of Inspiron 3470

Computer model
Inspiron 3470
System information

Table 2. System information

Description	Values
Processor	• 9th Generation Intel Core i3/i5/i7 • Intel Pentium Gold • Intel Celeron
Chipset	Intel H370

Operating system

- Windows 10 Home (64-bit)
- Windows 10 Professional (64-bit)
- Ubuntu

Dimensions and weight

Table 3. Dimensions and weight

Description	Values
Height	290 mm (11.42 in.)
Width	92.60 mm (3.65 in.)
Depth	292 mm (11.50 in.)
Weight (approximate)	4.80 kg (10.58 lb)

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

Memory

Table 4. Memory specifications

Description	Values
Slots	Two UDIMM slots
Type	Dual-channel DDR4
Speed	• 2400 MHz • 2666 MHz
Configurations supported: Per memory module slot Total memory	4 GB, 8 GB, and 16 GB 4 GB, 8 GB, 12 GB, 16 GB, 24 GB, and 32 GB

Ports and connectors

Table 5. Ports and connectors

Description	Values
External: Network USB	One RJ45 port • Four USB 2.0 ports • Two USB 3.1 Gen 1 ports
Audio/Video	• One headset port • One microphone port • One line-out port • One line-in port • One VGA port • One HDMI-out 1.4 port
Internal: M.2 card	• One M.2 card slot for Wi-Fi and Bluetooth combo card • One M.2 card slot for solid-state drive (SATA)

Communications

Table 6. Supported Communications

Description	Values
Ethernet	10/100/1000 Mbps Ethernet controller integrated on system board
Wireless	• Intel 9462 1x1ac + Bluetooth 5.0 (802.11ac + Bluetooth 5.0, 1×1) • Intel 9560 2x2ac + Bluetooth 5.0 (802.11ac + Bluetooth 5.0, 2×2) • DW 1707 + Bluetooth 4.0 (802.11b/g/n + Bluetooth 4.0, 1×1)

Wireless

Table 7. Wireless

Description	Values	Values	Values
Type	DW1707	Intel 9462 1x1ac	Intel 9560 2x2ac
Transfer rate (maximum)	150 Mbps	305 Mbps/326 Mbps	1204 Mbps/1220 Mbps
Frequency bands	2.4 GHz	2.4 GHz/5 GHz	2.4 GHz/5 GHz
Encryption	• 64-bit/128-bit WEP • AES-CCMP • SKIP	• 64-bit/128-bit WEP • AES-CCMP • SKIP	• 64-bit/128-bit WEP • AES-CCMP • SKIP

Audio

Table 8. Audio specifications

Description	Values
Controller	Realtek ALC3820-CG
Type	Integrated 5.1 channel Intel High Definition Audio

Storage

Your computer supports one hard drive and an optional optical drive.

Table 9. Storage specifications

Storage type	Interface type	Capacity
One slimline DVD+/-RW optical drive	SATA 6 Gbps	N/A
Two 2.5-inch hard drive	SATA 6 Gbps	Up to 1 TB
One 3.5-inch hard drive	SATA 6 Gbps	Up to 2 TB
One M.2 2280 solid-state drive	SATA 6 Gbps	Up to 512 GB

Media-card reader

Table 10. Media-card reader specifications

Description	Values
Type	One SD-card slot
Cards supported	SD card

Power ratings

Table 11. Power ratings

Type	APFC Full Range 200 W	APFC HV 200 W	EPA Bronze 200 W
Input voltage	100 VAC-240 VAC	100 VAC-240 VAC	100 VAC-240 VAC
Input frequency	47 Hz-63 Hz	47 Hz-63 Hz	47 Hz-63 Hz
Input current (maximum)	3.20 A/1.60 A	3.20 A/1.60 A	6.60 A/3.30 A
Output current (continuous)	16.50 A/14 A	16.50 A/14 A	16.50 A/14 A

(i) **NOTE: Maximum continuous total DC output power shall not exceed 200 W.**

Rated output voltage	12 VA/12 VB	12 VA/12 VB	12 VA/12 VB
Temperature range: Operating Storage		5°C to 45°C (41°F to 113°F) -40°C to 70°C (-40°F to 158°F)	

Video

Table 12. Video specifications

	Integrated	Discrete
Controller	• Intel UHD 610 Graphics • Intel UHD 630 Graphics	NVIDIA GT710 LP
Memory	Shared system memory	2 GB

Computer environment

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

Table 13. Computer environment

	Operating	Storage
Temperature range	10°C to 35°C (50°F to 95°F)	−40°C to 65°C (−40°F to 149°F)
Relative humidity (maximum)	20% to 80% (non-condensing)	5% to 95% (non-condensing)
	ⓘ **NOTE: Maximum dew point temperature = 26°C**	ⓘ **NOTE: Maximum dew point temperature = 33°C**
Vibration (maximum) *	0.26 GRMS	1.37 GRMS
Shock	40 G†	105 G‡

Operating   Storage

(maximum)
* Measured using a random vibration spectrum that simulates the 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 a parked position.

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 14. Self-help resources

Self-help resources	Resource location
Information about Dell products and services	**www.dell.com**

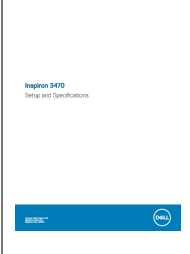|	
My Dell	
Tips	
Contact Support	In Windows search, type Contact Support, and press Enter.
Online help for the operating system	**www.dell.com/support/windows** **www.dell.com/support/linux**
Troubleshooting information, user manuals, setup instructions, product specifications, technical help blogs, 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.**

Documents / Resources

Inspiron 3470 Setup and Specifications (dell)	**DELL Inspiron 3470 Small Desktop Computer** [pdf] Instructions Inspiron 3470 Small Desktop Computer, D13S D13S003

References

- (dell) **Computers, Monitors & Technology Solutions | Dell USA**
- (dell) **Computers, Monitors & Technology Solutions | Dell USA**
- (dell) **Contact Support | Dell US**
- (dell) **Support | Dell US**
- (dell) **Support for SupportAssist for Home PCs | Documentation | Dell US**
- (dell) **Dell - Dell Linux - Community Web**
- (dell) **Manuals | Dell US**
- (dell) **Windows Operating Systems | Dell US**
- **Microsoft Support**
- (dell) **Support | Dell US**
- (dell) **What is Dell Digital Delivery? | Dell US**
- (dell) **Dell Update and Alienware Update - Overview and common questions | Dell US**
- (dell) **Manuals | Dell US**