Vostro 3710

Setup and Specifications

D&LL Technologies

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

(i) **NOTE:** The images in this document may differ from your computer depending on the configuration you ordered.

1. Connect the keyboard and mouse to the USB ports on the computer. If you have a wireless keyboard and mouse, see the documentation that shipped with the wireless keyboard and mouse for instructions.
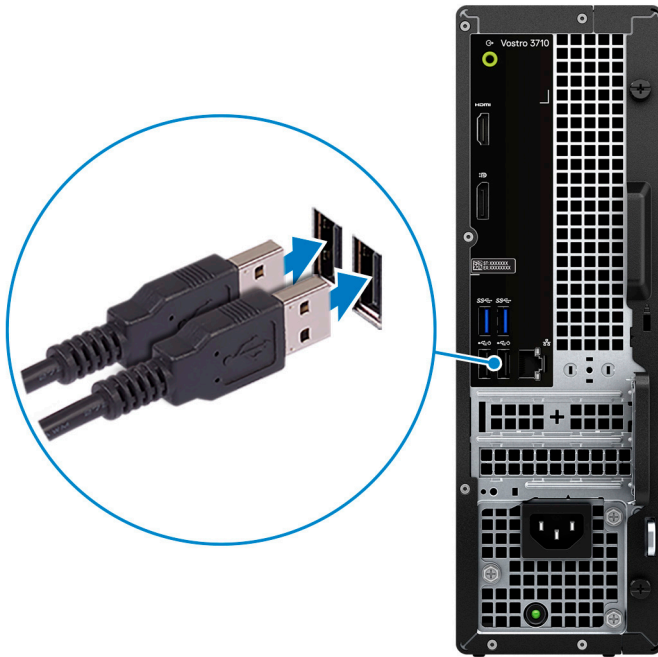
2. Connect to your network using an Ethernet cable. Alternatively, connect to an available wireless network when setting up the operating system.
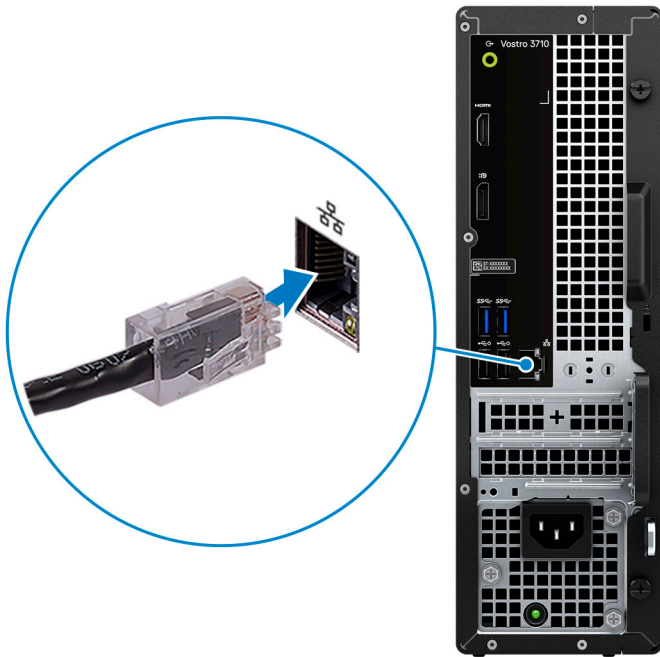
3. Connect the display. For more information about setting up the display, see the documentation that is shipped with your display.

> (i) **NOTE:** The location to connect the display cable can vary if your computer has a discrete graphics card installed. For optimal graphics performance, ensure to connect the display cable to the graphics card if there is one installed.

4. Connect the power cable to the computer and then connect it to the wall outlet.
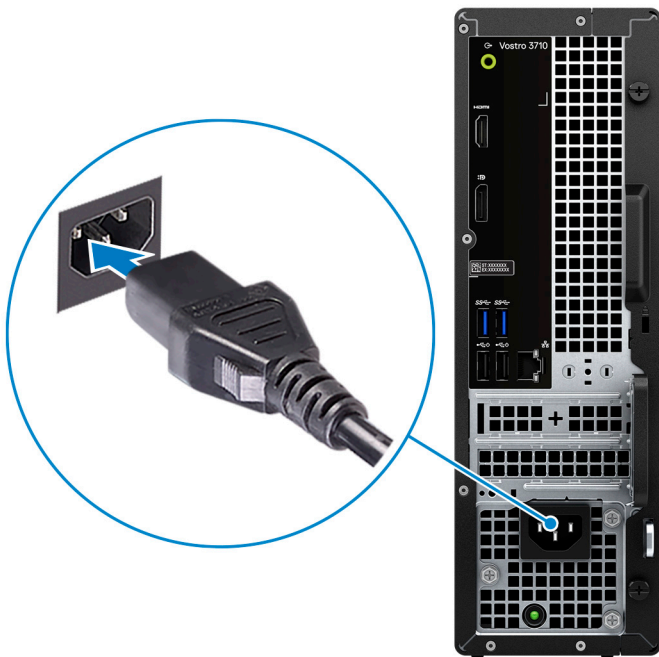
5. Press the power button at the front of the computer to turn it on. If required, press the power button on the display to turn it on.

> ⓘ **NOTE:** For instructions on how to connect speakers, a printer and other accessories, see *Me and My Dell* at www.dell.com/manuals.

6. Finish Windows setup.

   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. 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 SupportAssist proactively and predictively identifies hardware and software issues on your computer and automates the engagement process with Dell Technical support. It addresses performance and stabilization issues, prevents security threats, monitors, and detects hardware failures. For more information, see *SupportAssist for Home PCs User's Guide* at www.dell.com/serviceabilitytools. Click **SupportAssist** and then, click **SupportAssist for Home PCs**. ⓘ **NOTE:** In SupportAssist, click the warranty expiry date to renew or upgrade your warranty.
	Dell Update Updates your computer with critical fixes and latest device drivers as they become available. For more information on using Dell Update, search in the Knowledge Base Resource at www.dell.com/support.
	Dell Digital Delivery Download software applications, which are purchased but not preinstalled on your computer. For more information on using Dell Digital Delivery, search in the Knowledge Base Resource at www.dell.com/support.

Views of Vostro 3710

Front
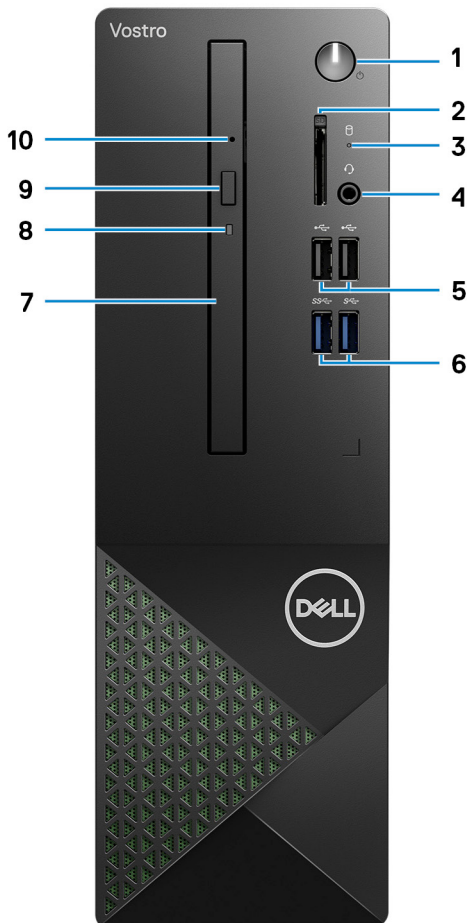
1. **Power button**

   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 to force shut-down the computer.

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

2. **SD-card slot (optional)**

   Reads from and writes to the SD card. The computer supports the following card types:

   - Secure Digital (SD)
   - Secure Digital High Capacity (SDHC)
   - Secure Digital Extended Capacity (SDXC)

3. **Hard-drive activity light**

   The activity light turns on when the computer reads from or writes to the hard drive.

4. **Global headset jack**

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

5. **USB 2.0 ports (2)**

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

6. **USB 3.2 Gen 1 ports (2)**

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

7. **Slim optical drive (optional)**

   The optical drive reads from and writes to CDs and DVDs.

8. **Optical-drive activity light (optional)**

   The optical-drive activity light turns on when the computer reads from or writes to an optical drive.

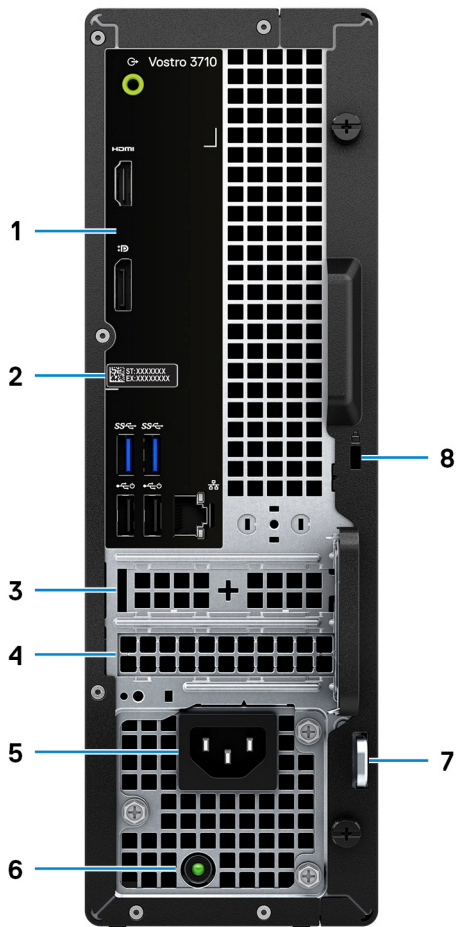9. **Optical-drive eject button (optional)**

   Press to open the optical drive tray.

10. **Optical-drive emergency eject pinhole (optional)**

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

    (i) **NOTE:** For more information about manually ejecting optical-drive trays, see the knowledge base article 000139665 at www.dell.com/support.

Back

1. **Back panel**

Connect USB, audio, video, and other devices.

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. **PCI-Express x1 slot (half-height)**

   Connect a PCI-express card such as an audio or network card to enhance the capabilities of your computer.

4. **PCI-Express X16 slot (half-height)**

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

   For optimal graphics performance, use a PCI-Express X16 slot for connecting the graphics card.

5. **Power port**

   Connect a power cable to provide power to your computer.

6. **Power-supply diagnostics light**
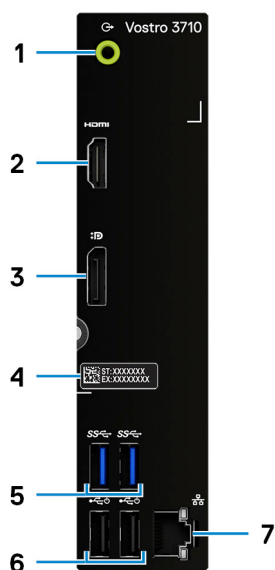
   Indicates the power-supply state.

7. **Padlock rings**

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

8. **Security-cable slot (wedge-shaped)**

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

Back panel

1. **Line-out port**

   Connect speakers.

2. **HDMI 1.4b port**

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

   ⓘ **NOTE:** The HDMI port can also provide display output to a VGA connector with an HDMI to VGA adapter (sold separately).

3. **Dual-Mode DisplayPort 1.4**

   Connect an external display or a projector.

(i) **NOTE:** The DisplayPort port can also provide display output to a DVI, HDMI or VGA connector with a DisplayPort 1.4 adapter (sold separately).

(i) **NOTE:** This port is only available on computers that are shipped with an Intel UHD Graphics integrated graphics processor.

4. **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.

5. **USB 3.2 Gen 1 ports (2)**

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

6. **USB 2.0 ports (2)**

Connect devices 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.

Specifications of Vostro 3710

Dimensions and weight

The following table lists the height, width, depth, and weight of your Vostro 3710.

Table 2. Dimensions and weight

Description	Values
Height	290 mm
Width	92.6 mm
Depth	292.80 mm (11.53 in.)
Weight (i) **NOTE:** The weight of your computer depends on the configuration ordered and manufacturing variability.	4.52 kg (9.96 lb)

Processor

The following table lists the details of the processors that are supported by your Vostro 3710 .

Table 3. Processor

Description	Option one	Option two	Option three	Option four	Option five	Option six
Processor type	12th Generation Intel Core i3-12100	12th Generation Intel Core i5-12400	12th Generation Intel Core i7-12500	12th Generation Intel Core i7-12700	Intel Pentium Gold G7400	Intel Celeron G6900
Processor wattage	60 W	65 W	65 W	65 W	46 W	46 W
Processor core count	4	6	6	12	2	2
Processor thread count	8	12	12	20	4	2
Processor speed	Up to 4.3 GHz	Up to 4.4 GHz	Up to 4.6 GHz	Up to 4.9 GHz	3.7 GHz	3.4 GHz
Processor cache	12 MB	18 MB	18 MB	25 MB	6 MB	4 MB
Integrated graphics	Intel UHD Graphics	Intel UHD Graphics	Intel UHD Graphics	Intel UHD Graphics	Intel UHD Graphics	Intel UHD Graphics

Chipset

The following table lists the details of the chipset supported by your Vostro 3710.

Table 4. Chipset

Description	Values
Chipset	Intel B660
Processor	12th Generation Intel Core i3/i5/i7 - Intel Pentium Gold - Intel Celeron
DRAM bus width	64-bit
Flash EPROM	32 MB + 16 MB
PCIe bus	Up to Gen3

Operating system

Your Vostro 3710 supports the following operating systems:

- Windows 11 Home, 64-bit
- Windows 11 Pro, 64-bit
- Windows 11 Pro National Academic, 64-bit
- Ubuntu 20.04 LTS, 64-bit

Memory

The following table lists the memory specifications of your Vostro 3710.

Table 5. Memory specifications

Description	Values
Memory slots	Two UDIMM slots
Memory type	Dual-Channel DDR4
Memory speed	3200 MHz
Maximum memory configuration	64 GB
Minimum memory configuration	4 GB
Memory size per slot	4 GB, 8 GB, 16 GB, or 32 GB
Memory configurations supported	4 GB, 1 x 4 GB, DDR4, 3200 MHz, UDIMM 8 GB, 1 x 8 GB, DDR4, 3200 MHz, UDIMM 8 GB, 2 x 4 GB, DDR4, 3200 MHz, UDIMM, dual-channel 16 GB, 2 x 8 GB, DDR4, 3200 MHz, UDIMM, dual-channel 16 GB, 1 x 16 GB, DDR4, 3200 MHz, UDIMM 32 GB, 1 x 32 GB, DDR4, 3200 MHz, UDIMM 32 GB, 2 x 16 GB, DDR4, 3200 MHz, UDIMM, dual-channel 64 GB, 2 x 32 GB, DDR4, 3200 MHz, UDIMM, dual-channel

Ports and connectors

The following table lists the external and internal ports available on your Vostro 3710.

Table 6. Ports and connectors

Description	Values
External:	
Network	One RJ-45 port
USB	• Four USB 3.2 Gen 1 ports • Four USB 2.0 ports
Audio	• One global headset jack • One audio line-out port
Video	• One HDMI 1.4b port • One DisplayPort 1.4 port ⓘ **NOTE:** The maximum resolution supported by the HDMI ports is 1920x1080.
Media-card reader	One SD-card slot (optional)
Power port	One AC power-supply port
Security	• One security-cable slot (wedge-shaped) • One padlock ring slot
Internal:	
PCIe expansion card slots	• One PCIe x16 half-height expansion card slot • One PCIe x1 half-height slot
mSATA	Not supported
SATA	• One SATA 2.0 slot for slim optical drive • One SATA 3.0 slot for 3.5-inch/2.5-inch hard drive
M.2	• One M.2 2230 slot for WiFi and Bluetooth combo card • One M.2 2230/2280 slot for solid-state drive ⓘ **NOTE:** To learn more about the features of different types of M.2 cards, see the knowledge base article 000144170.

Ethernet

The following table lists the wired Ethernet Local Area Network (LAN) specifications of your Vostro 3710.

Table 7. Ethernet specifications

Description	Values
Model number	Realtek RTL8111HSD
Transfer rate	10/100/1000 Mbps

Wireless module

The following table lists the Wireless Local Area Network (WLAN) module specifications of your Vostro 3710.

Table 8. Wireless module specifications

Description	Option one	Option two	Option Three	Option Four
Model number	Intel AX210	MediaTek MT7921	Realtek RTL8821CE	Realtek RTL8822CE
Transfer rate	Up to 2400 Mbps	Up to 1200 Mbps	Up to 433 Mbps	Up to 867 Mbps
Frequency bands supported	2.4 GHz/5 GHz/6 GHz	2.4 GHz/5 GHz	2.4 GHz/5 GHz	2.4 GHz/5 GHz
Wireless standards	- Wi-Fi 802.11 a/b/g - Wi-Fi 4 (WiFi 802.11n) - Wi-Fi 5 (WiFi 802.11ac) - Wi-Fi 6E (WiFi 802.11ax)	- Wi-Fi 802.11 a/b/g - Wi-Fi 4 (WiFi 802.11n) - Wi-Fi 5 (WiFi 802.11ac) - Wi-Fi 6 (WiFi 802.11ax)	- WiFi 802.11a/b/g - Wi-Fi 4 (WiFi 802.11n) - Wi-Fi 5 (WiFi 802.11ac)	- WiFi 802.11a/b/g - Wi-Fi 4 (WiFi 802.11n) - Wi-Fi 5 (WiFi 802.11ac)
Encryption	64-bit/128-bit WEP - AES-CCMP - TKIP	64-bit/128-bit WEP - AES-CCMP - TKIP	64-bit/128-bit WEP - AES-CCMP - TKIP	64-bit/128-bit WEP - AES-CCMP - TKIP
Bluetooth	Bluetooth 5.2	Bluetooth 5.2	Bluetooth 5.0	Bluetooth 5.0

Storage

This section lists the storage options on your Vostro 3710.

Your Vostro 3710 supports one of the following storage configurations:
- One 2.5-inch or 3.5-inch hard-drive
- One M.2 2230/2280 solid-state drive
- One 3.5-inch hard-drive and one M.2 2230/2280 solid-state drive

The primary drive of your Vostro 3710 varies with the storage configuration. For computers:
- with a M.2 drive, the M.2 drive is the primary drive
- without a M.2 drive, the 2.5-inch or 3.5-inch hard drive is the primary drive

Table 9. Storage specifications

Storage type	Interface type	Capacity
2.5-inch hard-disk drive	SATA AHCI, up to 6 Gbps	Up to 2 TB
3.5-inch hard-disk drive	SATA AHCI, up to 6 Gbps	Up to 2 TB
M.2 2230 solid-state drive	PCIe Gen3 x4 NVMe, up to 32 Gbps	Up to 512 GB
M.2 2280 solid-state drive	PCIe Gen4 x4 NVMe, up to 64 Gbps	Up to 1 TB
M.2 2280 solid-state drive	PCIe Gen3 x4 NVMe, up to 32 Gbps, QLC	Up to 1 TB

GPU—Integrated

The following table lists the specifications of the integrated Graphics Processing Unit (GPU) supported by your Vostro 3710.

Table 10. GPU—Integrated

Controller	External display support	Memory size	Processor
Intel UHD Graphics	● One HDMI 1.4b port ● One DisplayPort 1.4 port	Shared system memory	● 12th Generation Intel Core i3/i5/i7 ● Intel Pentium Gold ● Intel Celeron

Audio

The following table lists the audio specifications of your Vostro 3710.

Table 11. Audio specifications

Description	Values
Audio type	Cirrus
Audio controller	CS8409, CS42L42 (headphone codec)
Internal audio interface	High definition audio interface
External audio interface	● One Global headset jack (front) ● One Line-out port (rear) (i) **NOTE:** 3.5 mm Global headset jack functionality varies by model configuration. For best results, use Dell recommended audio accessories.

Power ratings

The following table lists the power rating specifications of Vostro 3710.

Table 12. Power ratings

Description	Option one
Type	180 W Bronze
Input voltage	90 VAC–264 VAC
Input frequency	47 Hz–63 Hz
Input current (maximum)	3 A
Output current (continuous)	Operating: ● 12 VA - 15 A ● 12 VB – 14 A Standby: ● 12 VA - 1.50 A ● 12 VB – 3.30 A
Rated output voltage	● 12 VA

Table 12. Power ratings (continued)

Description		Option one
		● 12 VB
Temperature range:		
	Operating	5°C to 45°C (41°F to 113°F)
	Storage	-40°C to 70°C (-40°F to 158°F)

Operating and storage environment

This table lists the operating and storage specifications of your Vostro 3710.

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

Table 13. Computer environment

Description	Operating	Storage
Temperature range	10°C – 35°C (32°F – 95°F)	-40°C - 65°C (-40°F - 149°F)
Relative humidity (maximum)	20% to 80% (non-condensing, Max dew point temperature = 26°C)	5% to 95% (non-condensing, Max dew point temperature = 33°C)
Vibration (maximum)*	0.26 GRMS random at 5 Hz to 350 Hz	1.37 GRMS random at 5 Hz to 350 Hz
Shock (maximum)	40 G†	105 G†
Altitude range	-15.2 m - 3048 m (-49.86 ft -10,000 ft)	-15.2 m - 10,668 m (-49.86 ft - 35,000 ft)

⚠ **CAUTION: Operating and storage temperature ranges may differ among components, so operating or storing the device outside these ranges may impact the performance of specific components.**

* Measured using a random vibration spectrum that simulates user environment.

† Measured using a 2 ms half-sine pulse.

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 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
Access top solutions, diagnostics, drivers and downloads, and learn more about your computer through videos, manuals and documents.	Your Dell computer is uniquely identified by a Service Tag or Express Service Code. To view relevant support resources for your Dell computer, enter the Service Tag or Express Service Code at www.dell.com/support. For more information on how to find the Service Tag for your computer, see Locate the Service Tag on your computer.
Dell knowledge base articles for a variety of computer concerns	1. Go to www.dell.com/support. 2. On the menu bar at the top of the Support page, select **Support** > **Knowledge Base**. 3. In the Search field on the Knowledge Base page, type the keyword, topic, or model number, and then click or tap the search icon to view the related articles.

Contacting Dell

To contact Dell for sales, technical support, or customer service issues, see www.dell.com/contactdell.

ⓘ **NOTE:** Availability varies by country/region and product, and some services may not be available in your country/region.

ⓘ **NOTE:** If you do not have an active Internet connection, you can find contact information about your purchase invoice, packing slip, bill, or Dell product catalog.