Vostro 3690

Setup and Specifications

Notes, cautions, and warnings

(i) **NOTE:** A NOTE indicates important information that helps you make better use of your product.
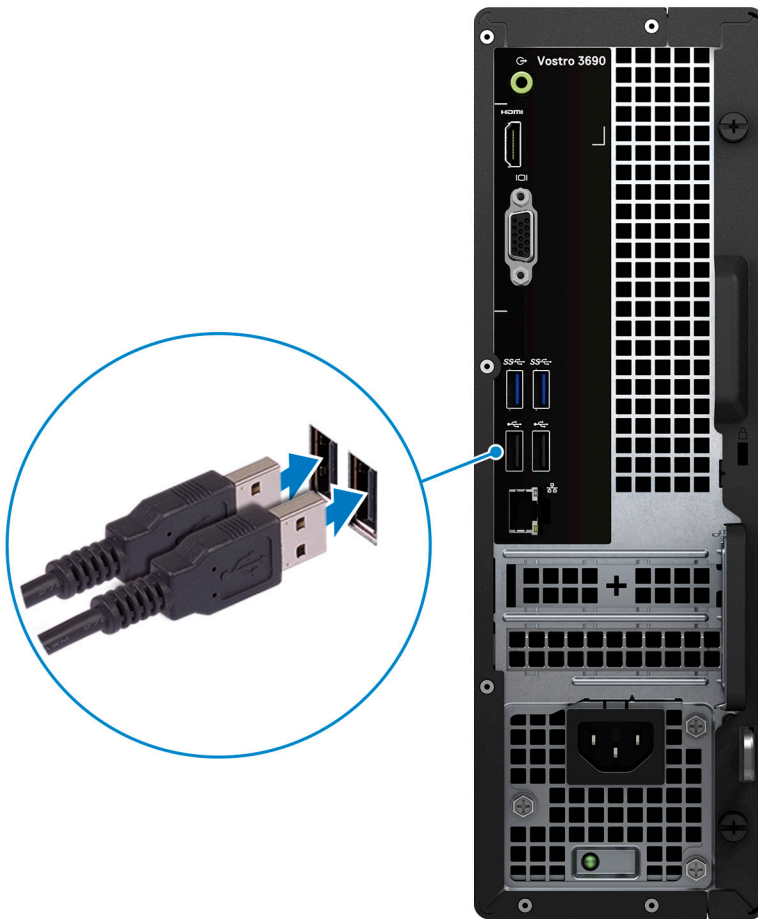
△ **CAUTION: A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.**

⚠ **WARNING: A WARNING indicates a potential for property damage, personal injury, or death.**
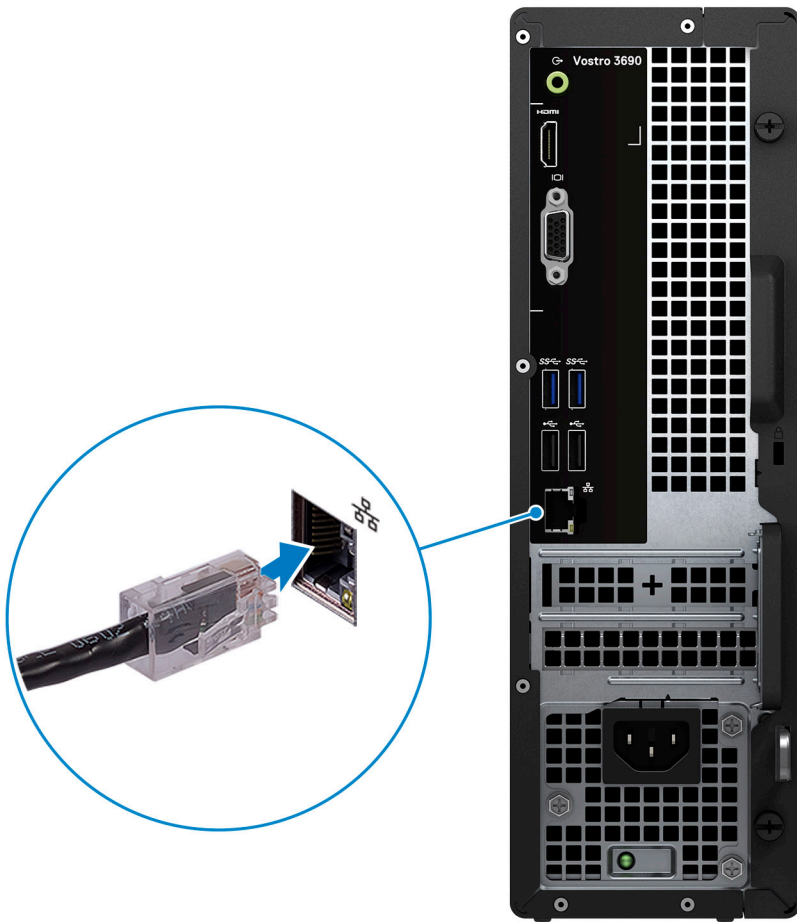
Set up your computer

Steps

1. Connect the keyboard and mouse.

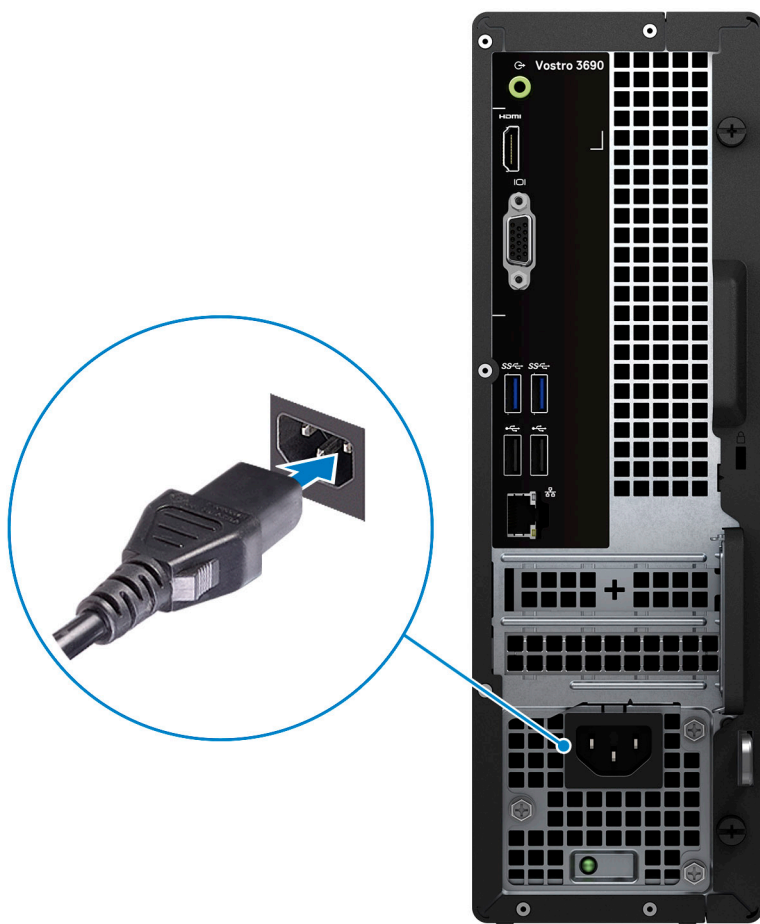2. Connect to your network using a cable, or connect to a wireless network.

3. Connect the display.

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

4. Connect the power cable.

5. Press the power button.

6. Finish operating system 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.
     (i) **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.

   a. Connect to a network.
   b. Sign-in to your Microsoft account or create a new account.
7. Locate and use Dell apps from the Windows Start menu.

   Table 1. Locate Dell apps

	Dell Product Registration Register your computer with Dell.
	Dell Help & Support Access help and support for your computer.

Table 1. Locate Dell apps

	SupportAssist Proactively checks the health of your computer's hardware and software. (i) **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 preinstalled on your computer.

Views of Vostro 3690

Front
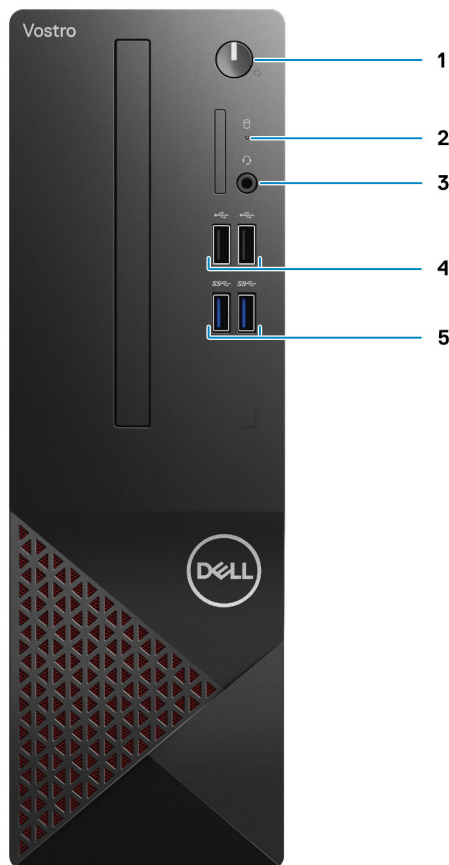
1. **Power button with diagnostic LED**

   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 10 seconds to force shut-down the computer.

2. **Hard drive activity light**

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

3. **Global headset jack**

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

4. **Two USB 2.0 ports**

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

5. **Two USB 3.2 Gen 1 ports**

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

Back

1. **Line-out audio port**

   Connect speakers.

2. **HDMI 1.4b port**

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

3. **VGA port**

   Connect an external display or a projector.

4. Service tag

   Service Tag is an identifier used to access product information like technical specifications, documentation, warranty, and support.

5. **USB 3.2 Gen 1 ports**

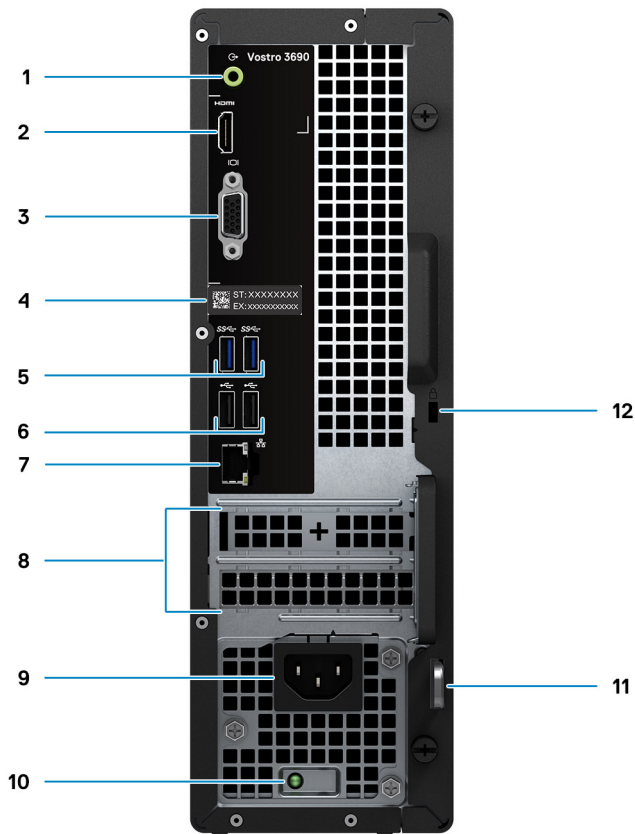   Connect devices such as external storage devices and printers. Provides data transfer speeds up to 5 Gbps.

6. **USB 2.0 ports**

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

7. **RJ-45 Ethernet port**

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

8. **PCI-Express slot**

Provide access to ports on any installed PCI Express cards.

9. **Power connector port**

Connect a power cable to provide power to your computer.

10. **Power-supply diagnostics light**

Indicates the power-supply state.

11. **Padlock ring**

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

12. **Kensington cable-lock slot**

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

Specifications of Vostro 3690

Dimensions and weight

Table 2. Dimensions and weight

Description	Values
Height	290 mm (11.42 in.)
Width	92.60 mm (3.65 in.)
Depth	292.80 mm (11.53 in.)
Weight (minimum)	4.1 kg (9.039 lb)
Weight (maximum)	4.83 kg (10.65 lb)
	ⓘ **NOTE:** The weight of your computer depends on the configuration ordered and the manufacturing variability.

Processors

Table 3. Processors

Processors	Wattage	Core count	Thread count	Speed	Cache	Integrated graphics
Intel Celeron G5905	58 W	2	2	3.50 GHz	4 MB	Intel UHD Graphics 610
Intel Pentium Gold G6405	58 W	2	4	4.10 GHz	4 MB	Intel UHD Graphics 610
10th Generation Intel Core i3-10105	65 W	4	8	3.70 GHz to 4.40 GHz	6 MB	Intel UHD Graphics 630
11th Generation Intel Core i5-11400	65 W	6	12	2.60 GHz to 4.40 GHz	12 MB	Intel UHD Graphics 730
11th Generation Intel Core i7-11700	65 W	8	16	2.50 GHz to 4.90 GHz	16 MB	Intel UHD Graphics 750

Chipset

The following table lists the details of the chipset supported by your Vostro 3690.

Table 4. Chipset

Table 4. Chipset

Description	Values
Chipset	Intel B560
Processor	● 11th Generation Intel Core i5/i7 ● 10th Generation Intel Pentium, Celeron and Intel Core i3
DRAM bus width	64-bit, dual-channel
Flash EPROM	32 MB
PCIe bus	Up to Gen 3.0

Operating system

● Windows 10 Home, 64-bit
● Windows 10 Pro, 64-bit

Memory

The following table lists the memory specifications of your Vostro 3690.

ⓘ **NOTE:** A multiple-DIMM memory option is recommended to prevent any performance reduction. If the system configuration includes integrated graphics, consider selecting 2 UDIMMs.

ⓘ **NOTE:** Memory modules should be installed in pairs of matched memory size, speed, and technology. If the memory modules are not installed in matched pairs, the computer continues to operate, but with a slight reduction in performance.The entire memory range is available to 64-bit operating systems.

Table 5. Memory specifications (continued)

Description	Values
Memory slots	Two UDIMM slots
Memory type	DDR4
Memory speed	2666/2933 MHz
Maximum memory configuration	64 GB
Minimum memory configuration	4 GB
Memory size per slot	4 GB, 8 GB, 16 GB, 32 GB
Memory configurations supported	● 4 GB, 1 x 4 GB, DDR4, 2666 MHz for Intel Pentium, Celeron and Intel Core i3 processors, 2933 MHz for Intel Core i5/i7 processors ● 8 GB, 1 x 8 GB, DDR4, 2666 MHz for Intel Pentium, Celeron and Intel Core i3 processors, 2933 MHz for Intel Core i5/i7 processors ● 8 GB, 2 x 4 GB, DDR4, 2666 MHz for Intel Pentium, Celeron and Intel Core i3 processors, 2933 MHz for Intel Core i5/i7 processors ● 12 GB, 1 x 4 GB + 1 x 8 GB, DDR4, 2666 MHz for Intel Pentium, Celeron and Intel Core i3 processors, 2933 MHz for Intel Core i5/i7 processors

Table 5. Memory specifications

Description	Values
	16 GB, 1 x 16 GB, DDR4, 2666 MHz for Intel Pentium, Celeron and Intel Core i3 processors, 2933 MHz for Intel Core i5/i7 processors 16 GB, 2 x 8 GB, DDR4, 2666 MHz for Intel Pentium, Celeron and Intel Core i3 processors, 2933 MHz for Intel Core i5/i7 processors 32 GB, 1 x 32 GB, DDR4, 2666 MHz for Intel Pentium, Celeron and Intel Core i3 processors, 2933 MHz for Intel Core i5/i7 processors 32 GB, 2 x 16 GB, DDR4, 2666 MHz for Intel Pentium, Celeron and Intel Core i3 processors, 2933 MHz for Intel Core i5/i7 processors 64 GB, 2 x 32GB, DDR4, 2666 MHz for Intel Pentium, Celeron and Intel Core i3 processors, 2933 MHz for Intel Core i5/i7 processors

External ports

The following table lists the external ports of your Vostro 3690.

Table 6. External ports

Description	Values
Network port	One RJ-45 Ethernet port (rear)
USB ports	- Two USB 3.2 Gen 1 ports (front) - Two USB 2.0 ports (front) - Two USB 3.2 Gen 1 ports (rear) - Two USB 2.0 ports (rear)
Audio port	- One Global headset jack (front) - One Line-out port (rear)
Video port	- One HDMI 1.4b port (rear) - One VGA port (rear)
Media-card reader	Not supported
Power-adapter port	AC-in port
Security-cable slot	- One Kensington cable-lock slot - One Padlock ring

Internal slots

The following table lists the internal slots of your Vostro 3690.

Table 7. Internal slots

Description	Values
PCIe expansion	1 Half height PCIe x1 slot
SATA	- One SATA 3.0 slot for 2.5-inch/3.5-inch hard drive - One SATA 2.0 slot for optical drive

Table 7. Internal slots

Description	Values
M.2	- One M.2 2230 slot for Wi-Fi and Bluetooth 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 SLN301626 at www.dell.com/support.

Ethernet

The following table lists the wired Ethernet Local Area Network (LAN) specifications of your Vostro 3690.

Table 8. 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) modules supported on your Vostro 3690.

Table 9. Wireless module specifications

Description	Option one	Option two
Model number	Qualcomm QCA61x4A	Qualcomm QCA9377
Transfer rate	Up to 867 Mbps	Up to 433 Mbps
Frequency bands supported	2.4 GHz/5 GHz	2.4 GHz/5 GHz
Wireless standards	- 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 and 128-bit WEP 128-bit AES-CCMP - TKIP	64-bit and 128-bit WEP 128-bit AES-CCMP - TKIP
Bluetooth	5.0	5.0

Audio

The following table lists the audio specifications of your Vostro 3690.

NOTE: Vostro 3690 does not support internal speaker.

Table 10. Audio specifications

Description	Values
Audio type	C-Media

Table 10. Audio specifications

Description	Values
Audio controller	CM6548
Internal audio interface	USB 2.0
External audio interface	- One Global headset jack (front) - One Line-out port (rear) **NOTE:** 3.5mm Global headset jack functionality varies by model configuration. For best results, use Dell recommended audio accessories.

Storage

This section lists the storage options on your Vostro 3690.

Your computer supports one of the following configurations:
- One 3.5-inch hard drive
- One M.2 2230/2280 solid-state drive (class 35 or class 40)
- One M.2 2230/2280 solid-state drive (class 35 or class 40) and one 3.5-inch hard drive

The primary drive of your computer varies with the storage configuration. For computers:
- with a M.2 solid-state drive, the M.2 solid-state drive is the primary drive
- without a M.2 solid-state drive, either the 3.5-inch hard drive is the primary drive

Table 11. Storage specifications

Storage type	Interface type	Capacity
2.5-inch, 5400 RPM, hard drive	SATA 3.0	Up to 2 TB
2.5-inch, 7200 RPM, hard drive	SATA 3.0	500 GB
3.5-inch, 7200 RPM, hard drive	SATA 3.0	Up to 2 TB

Power ratings

The following table lists the power rating specifications of Vostro 3690.

Table 12. Power ratings

Description	Values
Type	260 W Bronze
Input voltage	90 VAC to 264 VAC
Input frequency	47 Hz to 63 Hz
Input current (maximum)	4.2 A
Output current (continuous)	12 VA-16.5 A 12 VB-16 A Standby mode: 12 VA-0.5 A 12 VB-2.5 A

Table 12. Power ratings

Description	Values
Rated output voltage	● +12 VA ● +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)

GPU—Integrated

The following table lists the specifications of the integrated Graphics Processing Unit (GPU) supported by your Vostro 3690.

Table 13. GPU—Integrated

Controller	External display support	Memory size	Processor
Intel UHD Graphics 610	● One HDMI 1.4b port ● One VGA port	Shared system memory	● Intel Celeron G5905 ● Intel Pentium Gold G6405
Intel UHD Graphics 630	● One HDMI 1.4b port ● One VGA port	Shared system memory	10th Generation Intel Core i3-10105
Intel UHD Graphics 730	● One HDMI 1.4b port ● One VGA port	Shared system memory	11th Generation Intel Core i5-11400
Intel UHD Graphics 750	● One HDMI 1.4b port ● One VGA port	Shared system memory	11th Generation Intel Core i7-11700

Environmental

Table 14. Environmental specifications

Feature	Vostro 3690
Recyclable packaging	Yes
BFR/PVC—free chassis	No
MultiPack packaging	Yes (US only) (optional)
Energy-Efficient Power Supply	Standard
ENV0424 compliant	Yes

> **NOTE:** Wood-based fiber packaging contains a minimum of 35% recycled content by total weight of wood-based fiber. Packaging that contains without wood-based fiber can be claimed as Not Applicable.

Energy Star and Trusted Platform Module (TPM)

Table 15. Energy Star and TPM

Features	Specifications
Energy Star 8.0	Compliant configurations available

Table 15. Energy Star and TPM

Features	Specifications
Firmware-TPM (Discrete TPM disabled)	Optional

(i) **NOTE:** TPM is not available in all countries.

Operating and storage environment

This table lists the operating and storage specifications of your Vostro 3690.

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

Table 16. 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)	40G, 2 ms	105G, 2 ms
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)

* 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.

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 17. 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 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.