


Alienware x14

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.

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Set up your Alienware x14

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

1. Connect the power adapter and press the power button.



2. Connect the USB Type-C Ethernet dongle to the Thunderbolt 4 port of your computer for wired network (optional).

(i) NOTE: Depending on the configuration ordered, this computer may be shipped with a USB Type-C Ethernet dongle.



Views of Alienware x14

Front



- 1. Left microphone**
Provides digital sound input for audio recording and voice calls.
- 2. Infrared emitter**
Emits infrared light, which enables the infrared camera to sense and track motion.
- 3. Camera**
Enables you to video chat, capture photos, and record videos.
- 4. Camera-status light**
Turns on when the camera is in use.
- 5. Infrared camera**
Enhances security when paired with Windows Hello face authentication.
- 6. Right microphone**
Provides digital sound input for audio recording and voice calls.

Top



1. Left speaker

Provides audio output.

2. Left-click button

Press to left-click.

3. Touchpad

Move your finger on the touchpad to move the mouse pointer. Tap to left-click and two fingers tap to right-click.

4. Right-click button

Press to right-click.

5. Right speaker

Provides audio output.

6. 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.

When the computer is turned on, press the power button to put the computer into sleep state; press and hold the power button for four seconds 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.

i **NOTE:** This computer supports AlienFX, which lets you choose from an array of color and transition effects across multiple zones on the computer, including the keyboard and power button. For more information, see [Alienware Command Center](#).

Back



1. USB 3.2 Gen 2 Type-C port with DisplayPort 1.4 and Power Delivery

Connect devices 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: A USB Type-C to DisplayPort adapter (sold separately) is required to connect a DisplayPort device.

2. Headset port

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

3. HDMI 2.1 port

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

4. USB 3.2 Gen 1 port with PowerShare

Connect devices such as external 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.

5. microSD-card slot

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

- microSecure Digital (microSD)
- microSecure Digital High Capacity (microSDHC)
- microSecure Digital Extended Capacity (microSDXC)

6. Thunderbolt 4.0 port with Power Delivery and DisplayPort (2)

Supports USB4, DisplayPort 1.4, Thunderbolt 4 and also enables you to connect to an external display using a display adapter. Provides data transfer rates of up to 40 Gbps for USB4 and Thunderbolt 4.

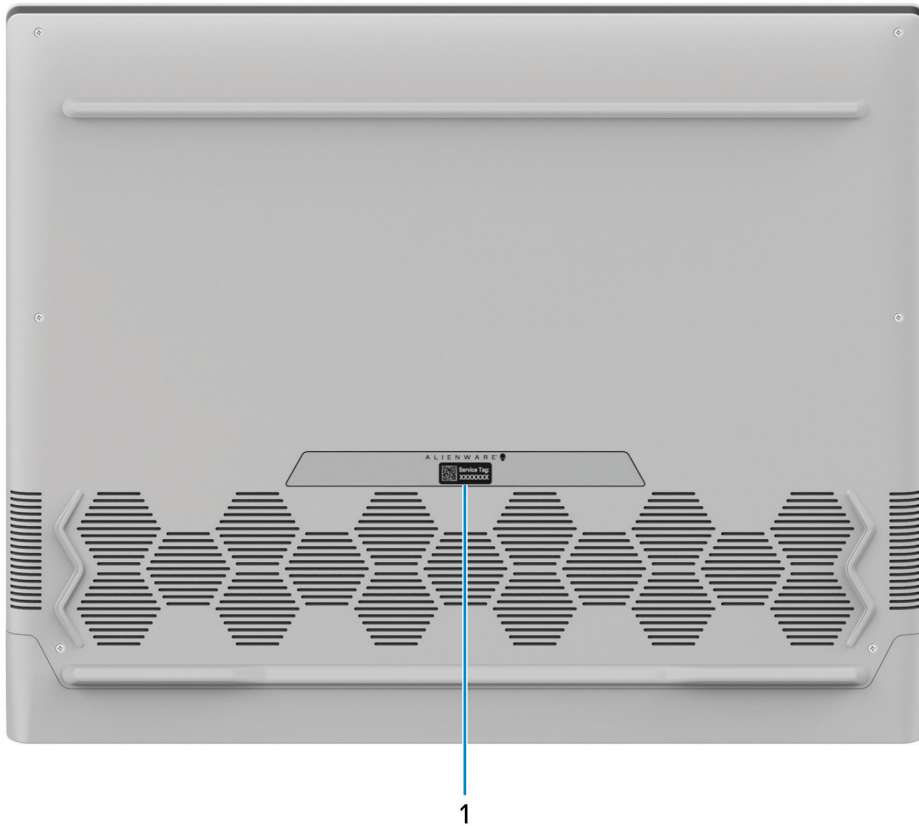
NOTE: You can connect a Dell Docking Station to the Thunderbolt 4 ports. For more information, search in the Knowledge Base Resource at www.dell.com/support.

NOTE: A USB Type-C to DisplayPort adapter (sold separately) is required to connect a DisplayPort device.

NOTE: USB4 is backward compatible with USB 3.2, USB 2.0, and Thunderbolt 3.

NOTE: Thunderbolt 4 supports two 4K displays or one 8K display.

Bottom



1. 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.

Specifications of Alienware x14

Dimensions and weight

The following table lists the height, width, depth, and weight of your Alienware x14.

Table 1. Dimensions and weight

Description	Values
Height:	
Front height	14.50 mm (0.57 in.)
Rear height	14.50 mm (0.57 in.)
Width	321.50 mm (12.66 in.)
Depth	262.77 mm (10.35 in.)
Weight  NOTE: The weight of your computer depends on the configuration ordered and manufacturing variability.	1.84 kg (4.06 lb) - Maximum

Processor

The following table lists the details of the processors supported by your Alienware x14.

Table 2. Processor

Description	Option one	Option two
Processor type	12 th Generation Intel Core i5-12500H	12 th Generation Intel Core i7-12700H
Processor wattage	45 W	45 W
Processor core count	12	14
Processor thread count	16	20
Processor speed	Up to 4.50 GHz	Up to 4.70 GHz
Processor cache	18 MB	24 MB
Integrated graphics	Intel Iris X ^e Graphics	Intel Iris X ^e Graphics

Chipset

The following table lists the details of the chipset supported by your Alienware x14.

Table 3. Chipset

Description	Values
Chipset	Integrated in the processor
Processor	12 th Generation Intel Core i5/i7

Table 3. Chipset (continued)

Description	Values
DRAM bus width	64-bit
Flash EPROM	256 MB
PCIe bus	Up to Gen5

Operating system

Your Alienware x14 supports the following operating systems:

- Windows 11 Home, 64-bit
- Windows 11 Pro, 64-bit

Memory

The following table lists the memory specifications of your Alienware x14.

Table 4. Memory specifications

Description	Values
Memory slots	Onboard memory
Memory type	LPDDR5
Memory speed	<ul style="list-style-type: none"> • For computers shipped with NVIDIA GeForce RTX 3050 and NVIDIA GeForce RTX 3050 Ti graphics card - 4800 MHz • For computers shipped with NVIDIA GeForce RTX 3060 graphics card - 5200 MHz
Maximum memory configuration	32 GB
Minimum memory configuration	16 GB
Memory configurations supported	<p>For computers shipped with NVIDIA GeForce RTX 3050 and NVIDIA GeForce RTX 3050 Ti graphics card:</p> <ul style="list-style-type: none"> • 16 GB, LPDDR5, 4800 MHz, dual-channel <p>For computers shipped with NVIDIA GeForce RTX 3060 graphics card:</p> <ul style="list-style-type: none"> • 16 GB, LPDDR5, 5200 MHz, dual-channel • 32 GB, LPDDR5, 5200 MHz, dual-channel

External ports

The following table lists the external ports on your Alienware x14.

Table 5. External ports

Description	Values
USB ports	<ul style="list-style-type: none"> • One USB 3.2 Gen 1 port

Table 5. External ports (continued)

Description	Values
	<ul style="list-style-type: none"> One USB 3.2 Gen 2 Type-C with Power Delivery and DisplayPort Two Thunderbolt 4 port with Power Delivery and DisplayPort
Audio port	One headset (headphone and microphone combo) port
Video port/ports	One HDMI 2.1 port
Media-card reader	One microSD-card slot
Power-adapter port	Not supported
Security-cable slot	Not supported

Internal slots

The following table lists the internal slots of your Alienware x14.

Table 6. Internal slots

Description	Values
M.2	<ul style="list-style-type: none"> One M.2 2230 slot for WiFi and Bluetooth combo card One M.2 2230/2280 slot for solid-state drive <p>NOTE: To learn more about the features of different types of M.2 cards, search in the Knowledge Base Resource at www.dell.com/support.</p>

Wireless module

The following table lists the Wireless Local Area Network (WLAN) modules supported on your Alienware x14.

Table 7. Wireless module specifications

Description	Option one	Option two
Model number	Intel Killer AX1690i	Intel AX211
Transfer rate	Up to 2974 Mbps	Up to 2400 Mbps
Frequency bands supported	2.4 GHz/5 GHz/6 GHz	2.4 GHz/5 GHz/6 GHz
Wireless standards	<ul style="list-style-type: none"> WiFi 802.11a/b/g Wi-Fi 4 (WiFi 802.11n) Wi-Fi 5 (WiFi 802.11ac) Wi-Fi 6E (WiFi 802.11ax) 	<ul style="list-style-type: none"> WiFi 802.11a/b/g Wi-Fi 4 (WiFi 802.11n) Wi-Fi 5 (WiFi 802.11ac) Wi-Fi 6E (WiFi 802.11ax)
Encryption	<ul style="list-style-type: none"> 64-bit/128-bit WEP AES-CCMP TKIP 	<ul style="list-style-type: none"> 64-bit/128-bit WEP AES-CCMP TKIP
Bluetooth	Bluetooth 5.2	Bluetooth 5.2

Audio

The following table lists the audio specifications of your Alienware x14.

Table 8. Audio specifications

Description	Values
Audio controller	Realtek ALC3281-CG
Stereo conversion	Supported
Internal audio interface	High definition audio interface
External audio interface	Headset port
Number of speakers	2
Internal-speaker amplifier	Supported
External volume controls	Keyboard shortcut controls
Speaker output:	
Average speaker output	2 W
Peak speaker output	2.5 W
Subwoofer output	Not supported
Microphone	Digital-array microphones in camera assembly

Storage

This section lists the storage options on your Alienware x14.

Your Alienware x14 supports one of the following storage configurations:

- One M.2 2230 solid-state drive
- One M.2 2280 solid-state drive

The primary drive of your Alienware x14 varies with the storage configuration. The primary drive of your computer is the drive where your operating system is installed.

Table 9. Storage specifications

Storage type	Interface type	Capacity
One M.2 2230 solid-state drive	PCIe Gen3 x4 NVMe, up to 32 Gbps	Up to 256 GB
One M.2 2280 solid-state drive	PCIe Gen4 x4 NVMe, up to 32 Gbps	Up to 4 TB

Media-card reader

The following table lists the media cards supported by your Alienware x14.

Table 10. Media-card reader specifications

Description	Values
Media-card type	One microSD card

Table 10. Media-card reader specifications (continued)

Description	Values
Media-cards supported	<ul style="list-style-type: none"> • Micro Secure Digital (microSD) • Micro Secure Digital High Capacity (microSDHC) • Micro Secure Digital Extended Capacity (microSDXC)
<p>i NOTE: The maximum capacity supported by the media-card reader varies depending on the standard of the media card installed in your computer.</p>	

Keyboard

The following table lists the keyboard specifications of your Alienware x14.

Table 11. Keyboard specifications

Description	Values
Keyboard type	1-zone RGB backlit keyboard
Keyboard layout	QWERTY
Number of keys	<ul style="list-style-type: none"> • United States and Canada: 85 keys • United Kingdom: 86 keys • Japan: 89 keys
Keyboard size	X=18.55 mm key pitch Y=18.05 mm key pitch
Keyboard shortcuts	<p>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.</p> <p>i NOTE: You can define the primary behavior of the function keys (F1–F12) changing Function Key Behavior in BIOS setup program.</p> <p>For more information, see Keyboard shortcuts.</p>

Camera

The following table lists the camera specifications of your Alienware x14.

Table 12. Camera specifications

Description	Values
Number of cameras	One
Camera type	HD RGB-Infrared camera
Camera location	Front camera
Camera sensor type	CMOS sensor technology
Camera resolution:	

Table 12. Camera specifications (continued)

Description		Values
	Still image	0.92 megapixel
	Video	1280 x 720 (HD) at 30 fps
Infrared camera resolution:		
	Still image	0.23 megapixel
	Video	640 x 360 at 30 fps
Diagonal viewing angle:		
	Camera	75.8 degrees
	Infrared camera	75.8 degrees

Touchpad

The following table lists the touchpad specifications of your Alienware x14.

Table 13. Touchpad specifications

Description		Option one	Option two
Touchpad resolution			
	Horizontal	1263	3309
	Vertical	624	1635
Touchpad dimensions:			
	Horizontal	108.25 mm (4.26 in.)	108.25 mm (4.26 in.)
	Vertical	55 mm (2.17 in.)	55 mm (2.17 in.)
Touchpad gestures		For more information about touchpad gestures available on Windows, see the Microsoft knowledge base article 4027871 at support.microsoft.com .	


Power adapter

The following table lists the power adapter specifications of your Alienware x14.

Table 14. Power adapter specifications

Description		Values
Type		130 W USB-C
Power-adapter dimensions:		
	Height	22 mm (0.87 in.)
	Width	66 mm (2.60 in.)
	Depth	143 mm (5.63 in.)
Input voltage		100 VAC–240 VAC

Table 14. Power adapter specifications (continued)

Description		Values
Input frequency		50 Hz–60 Hz
Input current (maximum)		1.80 A
Output current (continuous)		6.50 A/1 A
Rated output voltage		20 VDC/5 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)
 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.		

Battery

The following table lists the battery specifications of your Alienware x14.

Table 15. Battery specifications


Description		Values
Battery type		6-cell "smart" lithium-ion (80.5 Wh)
Battery voltage		11.40 VDC
Battery weight (maximum)		0.32 kg (0.71 lb)
Battery dimensions:		
	Height	277.15 mm (10.91 in.)
	Width	107.70 mm (4.24 in.)
	Depth	5.45 mm (0.21 in.)
Temperature range:		
	Operating	0°C to 60°C (32°F to 140°F)
	Storage	-20°C to 60°C (-4°F to 140°F)
Battery operating time		Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.
Battery charging time (approximate)  NOTE: Control the charging time, duration, start and end time, and so on using the Dell Power Manager application. For more information on the Dell Power Manager see, <i>Me and My Dell</i> on www.dell.com .		<ul style="list-style-type: none"> • 20 minutes to 35% (ExpressCharge Boost) • 2 hours to full (Express charge) • 3 hours to full (Standard charge)
Coin-cell battery		Not supported

Table 15. Battery specifications (continued)

Description	Values
△	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.
△	CAUTION: Dell recommends that you charge the battery regularly for optimal power consumption. If your battery charge is completely depleted, connect the power adapter, turn on your computer, and then restart your computer to reduce the power consumption.

Display

The following table lists the display specifications of your Alienware x14.

Table 16. Display specifications

Description	Values
Display type	Full High Definition (FHD)
Display-panel technology	Wide Viewing Angle (WVA)
Display-panel dimensions (active area):	
Height	173.98 mm (6.85 in.)
Width	309.31 mm (12.18 in.)
Diagonal	354.88 mm (13.97 in.)
Display-panel native resolution	1920 x 1080
Luminance (typical)	400 nits
Megapixels	2.07
Color gamut	DCI-P3 100%
Pixels Per Inch (PPI)	157
Contrast ratio (typical)	1000:1
Response time (typical)	<ul style="list-style-type: none"> • 3 ms with Overdrive • 7 ms without Overdrive
Refresh rate	144 Hz
Horizontal view angle	+/- 80 degrees
Vertical view angle	+/- 80 degrees
Pixel pitch	0.1725 mm
Power consumption (maximum)	4.26 W
Anti-glare vs glossy finish	Anti-glare
Touch options	No
Adaptive sync support	G-SYNC, Advanced Optimus

GPU—Integrated

The following table lists the specifications of the integrated Graphics Processing Unit (GPU) supported by your Alienware x14.

Table 17. GPU—Integrated

Controller	Memory size	Processor
Intel Iris X ^e Graphics	Shared system memory	12 th Generation Intel Core i5/i7

GPU—Discrete

The following table lists the specifications of the discrete Graphics Processing Unit (GPU) supported by your Alienware x14.

Table 18. GPU—Discrete


Controller	Memory size	Memory type
NVIDIA GeForce RTX 3050	4 GB	GDDR6
NVIDIA GeForce RTX 3050 Ti	4 GB	GDDR6
NVIDIA GeForce RTX 3060	6 GB	GDDR6

Operating and storage environment

This table lists the operating and storage specifications of your Alienware x14.

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

Table 19. Computer environment

Description	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)	140 G†	160 G†
Altitude range	-15.2 m to 3048 m (-49.87 ft to 10000 ft)	-15.2 m to 10668 m (-49.87 ft to 35000 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.

Keyboard shortcuts

NOTE: Keyboard characters may differ depending on the keyboard language configuration. Keys that are used for shortcuts remain the same across all language configurations.








Some keys on your keyboard have two symbols on them. These keys can be used to type alternate characters or to perform secondary functions. The symbol shown on the lower part of the key refers to the character that is typed out when the key is pressed. If you press shift and the key, the symbol shown on the upper part of the key is typed out. For example, if you press **Shift + 2**, **@** is typed out.

The keys F1-F12 at the top row of the keyboard are function keys for multi-media control, as indicated by the icon at the bottom of the key. Press the function key to invoke the task represented by the icon. For example, pressing F1 mutes the audio (refer to the table below).

However, if the function keys F1-F12 are needed for specific software applications, multi-media functionality can be disabled by pressing **fn + Esc**. Subsequently, multi-media control can be invoked by pressing **fn** and the respective function key. For example, mute audio by pressing **fn + F1**.






NOTE: You can also define the primary behavior of the function keys (F1-F12) by changing **Function Key Behavior** in BIOS setup program.

Table 20. List of keyboard shortcuts

Keys	Description
	Disable/enable Performance Boost
	Adjust keyboard backlight brightness
	Switch to external display
	Launch the Windows Connect app to display Bluetooth devices
	Decrease display brightness
	Increase display brightness
	Disable/enable touchpad





Your computer comes with pre-programmable macro keys that enable you to perform multiple actions with a single key press.

Table 21. List of Macro keys

Keys	Description
	Macro keys NOTE: You can configure modes and assign multiple tasks for the macro keys on the keyboard.
	
	
	
	

Your computer comes with dedicated keys that enable you to control audio features of the computer with a single key press.

Table 22. List of keys to control audio features

Keys	Description
	Mute microphone
	Mute speakers
	Increase volume
	Decrease volume

Low blue light

 **WARNING: Prolonged exposure to blue light from the display may lead to long-term effects such as eye strain, eye fatigue, or damage to the eyes.**

Blue light is a color in the light spectrum which has a short wavelength and high energy. Chronic exposure to blue light, particularly from digital sources, may disrupt sleep patterns and cause long-term effects such as eye strain, eye fatigue, or damage to the eyes.

The display on this computer is designed to minimize blue light and complies with TÜV Rheinland's requirement for low blue light displays.

Low blue light mode is enabled at the factory, so no further configuration is necessary.

To reduce the risk of eye strain, it is also recommended that you:

- Position the display at a comfortable viewing distance between 20 and 28 inches (50 and 70 cm) from your eyes.
- Blink frequently to moisten your eyes, wet your eyes with water, or apply suitable eye drops.
- Look away from your display, and gaze at a distant object at 20 ft (609.60 cm) away for at least 20 seconds during each break.
- Take an extended break for 20 minutes every two hours.

Alienware Command Center

Alienware Command Center (AWCC) provides a single interface to customize and enhance the gaming experience. The AWCC dashboard displays most recently played or added games, and provides game-specific information, themes, profiles, and access to computer settings. You can quickly access settings such as game-specific profiles and themes, lighting, macros, and audio that are critical to the gaming experience.

AWCC also supports AlienFX 2.0. AlienFX enables you to create, assign, and share game-specific lighting maps to enhance the gaming experience. It also enables you to create your own individual lighting effects and apply them to the computer or attached peripherals. AWCC embeds Peripheral Controls to ensure a unified experience and the ability to link these settings to your computer or game.

This computer features the following AlienFX Lighting Zones:

- Programmable with up to 16.8 million distinct colors.

 **NOTE:** Information about the location of AlienFX Lighting Zones on your computer is available in AWCC.

AWCC supports the following features:

- FX: Create and manage the AlienFX zones.
- Fusion: Includes the ability to adjust game-specific Power Management, Sound Management, and Thermal Management features.
- Peripheral Management: Enables peripherals to appear in and be managed in Alienware Command Center. Supports key peripheral settings and associates with other functions such as profiles, macros, AlienFX, and game library.



AWCC also supports Sound Management, Thermal Controls, CPU, GPU, Memory (RAM) monitoring. For more information about AWCC, see the *Alienware Command Center Online Help* or search in the Knowledge Base Resource at www.dell.com/support.

Getting help and contacting Alienware

Self-help resources

You can get information and help on Alienware products and services using these online self-help resources:

Table 23. Alienware products and online self-help resources

Self-help resources	Resource location
Information about Alienware products and services	www.alienware.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
Access top solutions, diagnostics, drivers and downloads, and learn more about your computer through videos, manuals and documents.	Your Alienware 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 .
VR Support	www.dell.com/VRsupport
Videos providing step-by-step instructions to service your computer	www.youtube.com/alienwareservices

Contacting Alienware

To contact Alienware for sales, technical support, or customer service issues, see www.alienware.com.

- ① **NOTE:** Availability varies by country/region and product, and some services may not be available in your country/region.
- ① **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.