

# **XPS 13 7390 2-in-1**

## 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.

© 2019 Dell Inc. or its subsidiaries. All rights reserved. Dell, EMC, and other trademarks are trademarks of Dell Inc. or its subsidiaries. Other trademarks may be trademarks of their respective owners.

<b>1 Set up your XPS 13 7390 2-in-1.....</b>	<b>4</b>
<b>2 Views of XPS 13 7390 2-in-1.....</b>	<b>6</b>
Right.....	6
Left.....	6
Base.....	7
Display.....	8
Bottom.....	9
Modes.....	9
<b>3 Specifications of XPS 13 7390 2-in-1.....</b>	<b>11</b>
Dimensions and weight.....	11
Processors.....	11
Chipset.....	11
Operating system.....	12
Memory.....	12
Ports and connectors.....	12
Communications.....	13
Audio.....	13
Storage.....	14
Media-card reader.....	14
Keyboard.....	14
Camera.....	15
Touchpad.....	15
Touchpad gestures.....	15
Power adapter.....	15
Battery.....	16
Display.....	17
Fingerprint reader.....	17
Video.....	18
Computer environment.....	18
<b>4 Dell low blue light display.....</b>	<b>19</b>
<b>5 Keyboard shortcuts.....</b>	<b>20</b>
<b>6 Getting help and contacting Dell.....</b>	<b>22</b>

# Set up your XPS 13 7390 2-in-1

**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.



**NOTE:** To conserve battery power, the computer might enter power saving mode (sleep state). Connect the power adapter and press the power button to turn on the computer.



2. 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.

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

**Table 1. Locate Dell apps**

Resources	Description
	<b>My Dell</b> 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.
	<b>SupportAssist</b>

## Resources

## Description

Pro-actively 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](http://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 latest device drivers as they become available. For more information about using Dell Update, see the knowledge base article [SLN305843](https://www.dell.com/support/article/SLN305843) at [www.dell.com/support](http://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](https://www.dell.com/support/article/153764) at [www.dell.com/support](http://www.dell.com/support).

## Views of XPS 13 7390 2-in-1

### Right



#### 1. Thunderbolt 3 (USB Type-C) port with Power Delivery

Supports USB 3.1 Gen 2 Type-C, DisplayPort 1.2, Thunderbolt 3 and also enables you to connect to an external display using a display adapter. Provides data transfer rates up to 10 Gbps for USB 3.1 Gen 2 and up to 40 Gbps for Thunderbolt 3. Supports Power Delivery that enables two-way power supply between devices. Provides up to 5 V/3 A 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).

### Left



#### 1. Power adapter/Thunderbolt 3 (USB Type-C) port

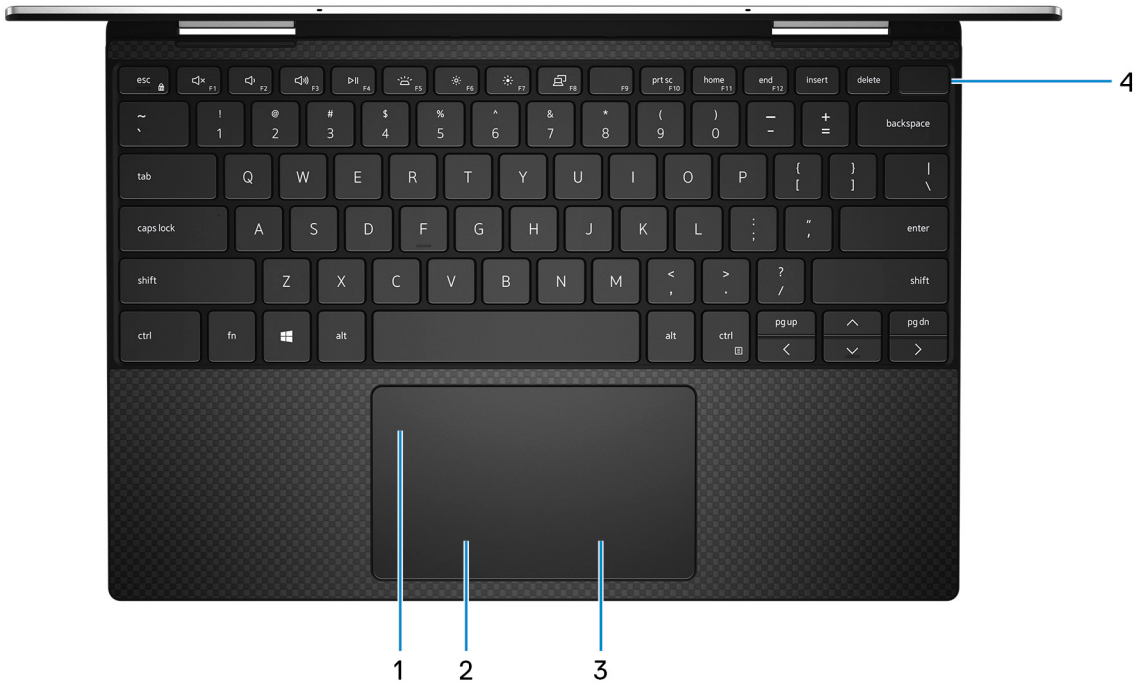
Connect Thunderbolt 3 devices and Dell Docking Stations. Supports USB 3.1 Gen 2, DisplayPort 1.2, Thunderbolt 3 and also enables you to connect to an external display using a display adapter. Provides data transfer rates up to 10 Gbps for USB 3.1 Gen 2 and up to 40 Gbps for Thunderbolt 3. Supports Power Delivery that enables two-way power supply between devices. Provides up to 5 V/3 A power output that enables faster charging.

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

#### 2. microSD-card slot

Reads from and writes to the microSD-card.

# Base



## 1. Touchpad

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

## 2. Left-click area

Press to left-click.

## 3. Right-click area

Press to right-click.

## 4. Power button with fingerprint reader

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.

Place your finger on the power button to log-in with the fingerprint reader.

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

# Display



- 1. Left microphone**  
Provides digital sound input for audio recording and voice calls.
- 2. Ambient-light sensor**  
Detects the ambient light and automatically adjusts the keyboard backlight and display brightness.
- 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. Right microphone**  
Provides digital sound input for audio recording and voice calls.



# Bottom



**1. Left speaker**

Provides audio output.

**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. Right speaker**

Provides audio output.

# Modes

## Notebook



## Tablet



## Stand



## Tent



# Specifications of XPS 13 7390 2-in-1

## Dimensions and weight

**Table 2. Dimensions and weight**

Description	Values
Height:	
Front	6.94 mm (0.27 in.)
Rear	13.10 mm (0.52 in.)
Width	296.40 mm (11.67 in.)
Depth	207.40 mm (8.17 in.)
Weight (maximum)	2.92 lbs (1.33 kg)

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

## Processors

This section describes the processors supported by XPS 7390 2-in-1.

**Table 3. Processors**

Description	Values		
Processors	10 <sup>th</sup> Generation Intel Core i3	10 <sup>th</sup> Generation Intel Core i5	10 <sup>th</sup> Generation Intel Core i7
Wattage	15 W	15 W	15 W
Core count	2	4	4
Thread count	4	8	8
Speed	Up to 3.4 GHz	Up to 3.6 GHz	Up to 3.9 GHz
Cache	4 MB	6 MB	8 MB
Integrated graphics	Intel UHD Graphics	Intel UHD Graphics	Intel Iris Plus Graphics

## Chipset

**Table 4. Chipset**

Description	Values
Chipset	ICL PCH-LP
Processor	10 <sup>th</sup> Generation Intel Core i3/i5/i7

Description	Values
DRAM bus width	64-bit
Flash EPROM	32 MB
PCIe bus	Up to Gen3

## Operating system

- Windows 10 Home (64-bit)
- Windows 10 Pro (64-bit)

## Memory

**Table 5. Memory specifications**

Description	Values
Memory type	Dual-channel LPDDR4X
Memory speed	3733 MHz
Maximum memory	32 GB
Minimum memory	4 GB
Memory configurations supported	<ul style="list-style-type: none"> <li>• 4 GB at 3733 MHz</li> <li>• 8 GB at 3733 MHz</li> <li>• 16 GB at 3733 MHz</li> <li>• 32 GB at 3733 MHz</li> </ul>

## Ports and connectors

**Table 6. External ports and connectors**

External:	
USB	Two Thunderbolt 3 (USB Type-C) ports with Power Delivery/ DisplayPort
Audio	One headset port
Video	USB Type-C to DisplayPort adapter (sold separately)
Media card reader	One micro-SD card
Docking port	N/A
Power adapter port	USB Type-C port
Security	N/A

**Table 7. Internal ports and connectors**

Internal:	
M.2	One M.2 1216 onboard WiFi and Bluetooth module

## Internal:

**NOTE:** To learn more about the features of different types of M.2 cards, see the knowledge base article [SLN301626](#).

# Communications

## Wireless module


**Table 8. Wireless module specifications**

Description	Values
Model number	Rivet Killer 1650s
Transfer rate	Up to 2400 Mbps
Frequency bands supported	2.4 GHz/5 GHz
Wireless standards	<ul style="list-style-type: none"><li>WiFi 802.11a/b/g</li><li>Wi-Fi 4 (WiFi 802.11n)</li><li>Wi-Fi 5 (WiFi 802.11ac)</li><li>Wi-Fi 6 (WiFi 802.11ax)</li></ul>
Encryption	<ul style="list-style-type: none"><li>64-bit/128-bit WEP</li><li>AES-CCMP</li><li>TKIP</li></ul>
Bluetooth	Bluetooth 5

## Audio

**Table 9. Audio specifications**

Description	Values
Controller	Realtek ALC3281-CG with Waves MaxxAudio Pro
Stereo conversion	Supported
Internal interface	High definition audio interface
External interface	Universal audio jack
Speakers	2
Internal speaker amplifier	Supported
External volume controls	Keyboard shortcut controls
Speaker output:	
Average	2 W
Peak	2.5 W
Subwoofer output	Not supported

Description	Values
Microphone	Digital array microphones  <b>NOTE: The microphones are VOIP certified with Skype for Business</b>

## Storage

Your computer supports one 1620 onboard solid-state drive.

 **NOTE: Please backup your personal data before replacing any components in your computer.**

**Table 10. Storage specifications**

Storage type	Interface type	Capacity
One 1620 onboard solid-state drive	PCIe Gen3.0x4 NVMe, up to 32 Gbps	Up to 1 TB


## Media-card reader

**Table 11. Media-card reader specifications**

Description	Values
Type	One micro-SD card slot
Cards supported	<ul style="list-style-type: none"> <li>Micro Secure Digital (mSD)</li> <li>Micro Secure Digital High Capacity (mSDHC)</li> <li>Micro Secure Digital Extended Capacity (mSDXC)</li> </ul>

## Keyboard

**Table 12. Keyboard specifications**

Description	Values
Type	Backlit keyboard
Layout	QWERTY
Number of keys	<ul style="list-style-type: none"> <li>United States and Canada: 81 keys</li> <li>United Kingdom: 82 keys</li> <li>Japan: 85 keys</li> </ul>
Size	X=19.05 mm key pitch Y=18.05 mm key pitch
Shortcut keys	<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> <b>NOTE: You can define the primary behavior of the function keys (F1–F12) changing Function Key Behavior in BIOS setup program.</b></p>

[Keyboard shortcuts](#)

# Camera

**Table 13. Camera specifications**

Description	Values
Number of cameras	One
Type	HD RGB Camera
Location	Front Camera
Sensor type	CMOS sensor
Resolution:	
Still image	0.92 megapixel
Video	1280x720(HD) at 30 fps
Diagonal viewing angle	78 degrees

# Touchpad

**Table 14. Touchpad specifications**

Description	Values
Resolution:	
Horizontal	1296
Vertical	752
Dimensions:	
Horizontal	112 mm (4.41 in.)
Vertical	66.70 mm (2.63 in.)

# Touchpad gestures

For more information about touchpad gestures for Windows 10, see the Microsoft knowledge base article [4027871](https://support.microsoft.com/4027871) at [support.microsoft.com](https://support.microsoft.com).

# Power adapter

**Table 15. Power adapter specifications**

Description	Values
Type	45 W (USB Type-C)
Connector dimensions:	
External diameter	Not applicable (USB Type-C form factor)
Internal diameter	Not applicable (USB Type-C form factor)
Input voltage	100 VAC - 240 VAC

Description	Values
Input frequency	50 Hz - 60 Hz
Input current (maximum)	1.30 A
Output current (continuous)	2.25 A
Rated output voltage	20 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)

## Battery

**Table 16. Battery specifications**

Description	Values
Type	4-cell 51 Wh "smart" lithium-ion
Voltage	7.60 VDC
Weight (maximum)	0.23 kg
Dimensions:	
Height	5.81 mm
Width	105.50 mm
Depth	253.40 mm
Temperature range:	
Operating	0°C to 45°C (32°F to 113°F)
Storage	-20°C to 65°C (-4°F to 149°F)
Operating time	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.
Charging time (approximate)	3 hours (when the computer is off) <b>i 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 <a href="https://www.dell.com/">https://www.dell.com/</a>.</b>
Life span (approximate)	300 discharge/charge cycles
Coin-cell battery	Not supported
Operating time	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.



# Display

**Table 17. Display specifications**

Description	Values	
Type	Full High Definition	Ultra High Definition
Panel technology	Wide Viewing Angle (WVA)	Wide Viewing Angle (WVA)
Luminance (typical)	500 nits	500 nits
Dimensions (Active area):		
Height	288 mm (11.34 in.)	288 mm (11.34 in.)
Width	180 mm (7.09 in.)	180 mm (7.09 in.)
Diagonal	339.60 mm (13.4 in.)	339.60 mm (13.4 in.)
Native resolution	1920 x 1200	3840 x 2400
Megapixels	2.304	9.216
Color gamut	100% (sRGB)	100% (sRGB), 90% (DCI-P3)
Pixels per inch (PPI)	169.3	338.6
Contrast ratio (min)	1200 : 1	1200 : 1
Response time (max)	35 ms	35 ms
Refresh rate	60 Hz	60 Hz
Horizontal view angle	85 degrees	85 degrees
Vertical view angle	85 degrees	85 degrees
Pixel pitch	0.15 mm	0.08 mm
Power consumption (maximum)	3.07 W	6.58 W
Anti-glare vs glossy finish	Anti-reflective and Anti-smudge	Anti-reflective and Anti-smudge
Touch options	Yes	Yes

# Fingerprint reader

**Table 18. Fingerprint reader specifications**

Description	Values
Sensor technology	Capacitive
Sensor resolution	500 dpi
Sensor area	4.06mm x 3.25 mm
Sensor pixel size	64 x 80

# Video

Table 19. Video specifications

## Integrated graphics

Controller	External display support	Memory size	Processor
Intel UHD Graphics	USB Type-C to DisplayPort adapter (sold separately)	Shared system memory	10 <sup>th</sup> Generation Intel Core i3/i5
Intel Iris Plus Graphics	USB Type-C to DisplayPort adapter (sold separately)	Shared system memory	10 <sup>th</sup> Generation Intel Core i7

# Computer environment

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


Table 20. 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)	110 G†	160 G†
Altitude (maximum)	-15.2 m to 3048 m (4.64 ft to 5518.4 ft)	-15.2 m to 10668 m (4.64 ft to 19234.4 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.

## Dell low blue light display

 **WARNING:** The possible long-term effects of blue light emission from the monitor may cause personal injury such as digital eye strain, eye fatigue, and damage to the eyes. Using the monitor for extended periods of time may also cause pain in parts of the body such as neck, arm, back, and shoulder.

Dell low blue light display optimizes eye comfort with a flicker-free screen. The ComfortView feature is designed to reduce the amount of blue light that is emitted from the monitor to optimize eye comfort.

To reduce the risk of eye strain and neck/arm/back/shoulder pain from using the monitor for long periods of time, we suggest you to:

1. Set the distance of the screen between 20 inches to 28 inches (50 cm-70 cm) from your eyes.
2. Blink frequently to moisten your eyes or wet your eyes with water after prolonged usage of the monitor.
3. Take regular and frequent breaks for 20 minutes every two hours.
4. Look away from your monitor and gaze at a distant object at 20 ft away for at least 20 s during the breaks.
5. Perform stretches to relieve tension in the neck, arm, back, and shoulders during the breaks.

# Keyboard shortcuts

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

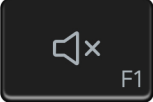

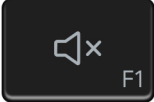

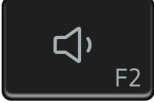
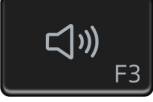

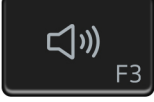
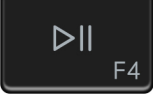

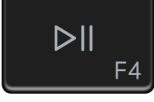



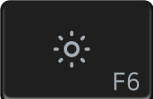
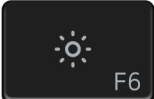
Some keys on your keyboard have two symbols on them. These keys can be used to type alternate characters or to perform secondary functions. The symbol shown on the lower part of the key refers to the character that is typed out when the key is pressed. If you press shift and the key, the symbol shown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


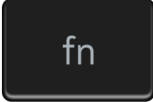




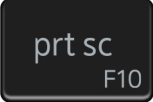



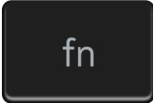
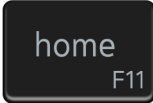
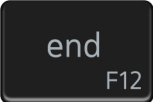


The keys F1-F12 at the top row of the keyboard are function keys for multi-media control, as indicated by the icon at the bottom of the key. Press the function key to invoke the task represented by the icon. For example, pressing F1 mutes the audio (refer to the table below).

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.







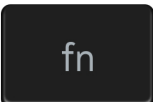
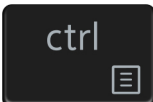
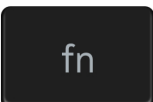
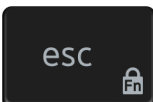
Table 21. List of keyboard shortcuts

Function key	Redefined key (for multimedia control)	Behavior
	 + 	Mute audio
	 + 	Decrease volume
	 + 	Increase volume
	 + 	Play/Pause
	 + 	Toggle keyboard backlight (optional)
		<b>NOTE:</b> Non-backlight keyboards have F5 function key without the backlight icon and does not support toggle keyboard backlight function.
	 + 	Decrease brightness

Function key	Redefined key (for multimedia control)	Behavior
	 + 	Increase brightness
	 + 	Switch to external display
	 + 	Print screen
	 + 	Home
	 + 	End

The **Fn** key is also used with selected keys on the keyboard to invoke other secondary functions.

**Table 22. List of keyboard shortcuts**



Function key	Behavior
 + 	Pause/Break
 + 	Toggle scroll lock
 + 	System request
 + 	Open application menu
 + 	Toggle Fn-key lock

# 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 23. Self-help resources**

Self-help resources	Resource location
Information about Dell products and services	<a href="http://www.dell.com">www.dell.com</a>
My Dell app	
Tips	
Contact Support	In Windows search, type <code>Contact Support</code> , and press Enter.
Online help for operating system	<a href="http://www.dell.com/support/windows">www.dell.com/support/windows</a>
Troubleshooting information, user manuals, setup instructions, product specifications, technical help blogs, drivers, software updates, and so on.	<a href="http://www.dell.com/support">www.dell.com/support</a>
Dell knowledge base articles for a variety of computer concerns.	<ol style="list-style-type: none"> <li>1. Go to <a href="http://www.dell.com/support">www.dell.com/support</a>.</li> <li>2. Type the subject or keyword in the <b>Search</b> box.</li> <li>3. Click <b>Search</b> to retrieve the related articles.</li> </ol>
Learn and know the following information about your product:	See <i>Me and My Dell</i> at <a href="http://www.dell.com/support/manuals">www.dell.com/support/manuals</a> .
<ul style="list-style-type: none"> <li>• Product specifications</li> <li>• Operating system</li> <li>• Setting up and using your product</li> <li>• Data backup</li> <li>• Troubleshooting and diagnostics</li> <li>• Factory and system restore</li> <li>• BIOS information</li> </ul>	<p>To locate the <i>Me and My Dell</i> relevant to your product, identify your product through one of the following:</p> <ul style="list-style-type: none"> <li>• Select <b>Detect Product</b>.</li> <li>• Locate your product through the drop-down menu under <b>View Products</b>.</li> <li>• Enter the <b>Service Tag number</b> or <b>Product ID</b> in the search bar.</li> </ul>

## Contacting Dell

To contact Dell for sales, technical support, or customer service issues, see [www.dell.com/contactdell](http://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 on your purchase invoice, packing slip, bill, or Dell product catalog.**