

# XPS 14 9440

## Owner's Manual

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# Views of XPS 14 9440

## Left



Figure 1. Left view

### 1. Thunderbolt 4.0 port with Power Delivery and DisplayPort

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](http://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.

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# Right



Figure 2. Right view

## 1. microSD-card slot v6.0

The 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)

## 2. Thunderbolt 4.0 port with Power Delivery and DisplayPort

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**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.

## 3. Headset port

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

# Top



Figure 3. Top view

## 1. Capacitive touch function row

Displays media and display control keys or standard function keys, with **esc** and **delete** keys.

Press and hold the **fn** key on the physical keyboard to switch to the next set of keys.

Press the **fn** key on the physical keyboard and the **esc** key on the capacitive touch function row to switch to the next set of keys and lock the mode of the panel.

## 2. 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 a sleep state. Press and hold the power button for 10 seconds to force shut-down the computer.

If the power button has a fingerprint reader, place your finger on the power button steadily to log in.

**NOTE:** The power-status light on the power button is available only on computers without the fingerprint reader. Computers that are shipped with the fingerprint reader that is integrated on the power button do not have the power-status light on the power button.

**NOTE:** You can customize the power-button behavior in Windows.

## 3. Speakers

Provide audio output.

## 4. Haptic touchpad

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

# Front



Figure 4. Front view

**1. Infrared emitter**

The Infrared emitter emits infrared light, which enables the infrared camera to sense and track motion.

**2. Infrared camera**

The Infrared camera uses facial recognition and enhances security when paired with Windows Hello face authentication.

**3. RGB and infrared camera**

The RGB and infrared camera enables you to video chat, capture photos, and record videos.

**4. Camera-status light**

The camera-status light turns on when the camera is in use.

**5. Ambient-light sensor**

The sensor detects the ambient light and automatically adjusts the display and capacitive touch function row brightness.

# Bottom



Figure 5. Bottom view

## 1. Air vents

Air vents provide ventilation for your computer. Clogged air vents can cause overheating and can affect your computer performance and potentially cause hardware issues. Keep the air vents clear of obstructions and clean them regularly to prevent the build-up of dust and dirt. For more information about cleaning air vents, search for articles in the Knowledge Base Resource at [www.dell.com/support](http://www.dell.com/support).

## 2. MyDell QR code

MyDell provides a consolidated application experience housing capability that helps you get the most out of your computer. Intelligent, AI-based optimization features automatically fine-tune your computer for the best audio, video, battery, and performance. Each MyDell user experience is unique as the software learns and responds to the way you use your computer.

## 3. 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.

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Figure 6. Service Tag location

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# Set up your XPS 14 9440

## About this task

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

## Steps

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



**Figure 7. Connect the power adapter and press the power button.**

**NOTE:** The battery may go into power-saving mode during shipment to conserve charge on the battery. Ensure that the power adapter is connected to your computer when it is turned on for the first time.


2. Finish the operating system setup.

Follow the on-screen instructions to complete the setup. When setting up, Dell Technologies 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 in Windows**

Resources	Description
	<p><b>My Dell</b></p> <p>MyDell is a software application that offers you a single streamlined engagement platform including account access, device information, and hardware settings. This software delivers intelligent features that automatically fine-tune your computer for the best possible audio, power, and</p>

**Table 1. Locate Dell apps in Windows (continued)**

Resources	Description
	<p>performance. Get the most out of your Dell device with intelligent, personalized technology from MyDell. Following are the key features of MyDell:</p> <ul style="list-style-type: none"> <li>● Application</li> <li>● Audio</li> <li>● Power</li> <li>● Color and Display</li> <li>● Presence detection</li> </ul> <p>For more information about how to use MyDell, see product guides at <a href="http://www.dell.com/support">www.dell.com/support</a>.</p>
	<p><b>Dell Update</b></p> <p>Updates your computer with critical fixes and latest device drivers as they become available. For more information about using Dell Update, see the product guides and third-party license documents at <a href="http://www.dell.com/support">www.dell.com/support</a>.</p>
	<p><b>Dell Digital Delivery</b></p> <p>Download software applications, which are purchased but not preinstalled on your computer. For more information about using Dell Digital Delivery, search in the Knowledge Base Resource at <a href="http://www.dell.com/support">www.dell.com/support</a>.</p>
	<p><b>SupportAssist</b></p> <p>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 <i>SupportAssist for Home PCs User's Guide</i> at <a href="http://www.dell.com/support/home/product-support/product/dell-supportassist-pcs-tablets/docs">www.dell.com/support/home/product-support/product/dell-supportassist-pcs-tablets/docs</a>.</p> <p> <b>NOTE:</b> In SupportAssist, click the warranty expiry date to renew or upgrade your warranty.</p>

# Specifications of XPS 14 9440

## Dimensions and weight

The following table lists the height, width, depth, and weight of your XPS 14 9440.

**Table 2. Dimensions and weight**

Description	Values
Height:	
Front height	6.70 mm (0.26 in.)
Rear height	18.03 mm (0.71 in.)
Width	320 mm (12.59 in.)
Depth	215.98 mm (8.50 in.)
Weight <i>i</i> <b>NOTE:</b> The weight of your computer depends on the configuration that is ordered and manufacturing variability.	<ul style="list-style-type: none"> <li>• 1.68 kg (3.70 lb) - minimum</li> <li>• 1.80 kg (3.97 lb) - maximum</li> </ul>

## Processor

The following table lists the details of the processors that are supported for your XPS 14 9440.

**Table 3. Processor**

Description	Option one	Option two
Processor type	Intel Core Ultra 7 155H	Intel Core Ultra 7 165H
Processor wattage	28 W	28 W
Processor total core count	16	16
Performance-cores	6	6
Efficient-cores	8	8
Processor total thread counts	22	22
<b>i</b> <b>NOTE:</b> Intel Hyper-Threading Technology is only available on Performance-cores.		
Processor speed	Up to 4.80 GHz	Up to 5 GHz
Performance-cores frequency		
Processor base frequency	1.40 GHz	1.40 GHz
Maximum turbo frequency	4.80 GHz	5 GHz
Efficient-cores frequency		
Processor base frequency	0.90 GHz	0.90 GHz
Maximum turbo frequency	3.80 GHz	3.80 GHz
Processor cache	24 MB	24 MB
Integrated graphics	Intel Arc Graphics	Intel Arc Graphics

## Chipset

The following table lists the details of the chipset that is supported for your XPS 14 9440.

**Table 4. Chipset**

Description	Values
Chipset	Integrated in the processor
Processor	<ul style="list-style-type: none"> <li>Intel Core Ultra 7 155H</li> <li>Intel Core Ultra 7 165H</li> </ul>
DRAM bus width	64-bit x 2
Flash EPROM	64 MB
PCIe bus	Up to Gen4

## Operating system


Your XPS 14 9440 supports the following operating systems:

- Windows 11 Pro
- Windows 11 Home

## Memory

The following table lists the memory specifications of your XPS 14 9440.




**Table 5. Memory specifications**

Description	Values
Memory slots	Dual-channel on-board memory  <b>NOTE:</b> The memory is integrated on the system board and is not upgradeable.
Memory type	LPDDR5X
Memory speed	<ul style="list-style-type: none"> <li>• 6400 MT/s: For computers shipped with integrated graphics card</li> <li>• 7467 MT/s: For computers shipped with discrete graphics card</li> </ul>
Maximum memory configuration	64 GB
Minimum memory configuration	16 GB
Memory configurations supported	For computers shipped with integrated graphics card: <ul style="list-style-type: none"> <li>• 16 GB LPDDR5X at 6400 MT/s</li> <li>• 32 GB LPDDR5X at 6400 MT/s</li> </ul> For computers shipped with discrete graphics card: <ul style="list-style-type: none"> <li>• 16 GB LPDDR5X at 7467 MT/s</li> <li>• 32 GB LPDDR5X at 7467 MT/s</li> <li>• 64 GB LPDDR5X at 7467 MT/s</li> </ul>



## External ports

The following table lists the external ports on your XPS 14 9440.

**Table 6. External ports**

Description	Values
USB ports	Three Thunderbolt 4 USB Type-C ports with Power Delivery and DisplayPort  <b>NOTE:</b> Connect the USB Type-C power adapter to only one of the two USB Type-C ports.  <b>NOTE:</b> You can connect a Dell Docking Station to this port. For more information, search in the Knowledge Base Resource at <a href="http://www.dell.com/support">www.dell.com/support</a> .
Audio port	<ul style="list-style-type: none"> <li>• Three Thunderbolt 4 USB Type-C ports with Power Delivery and DisplayPort</li> <li>•  <b>NOTE:</b> A USB-C to 3.5 mm AUX audio adapter can be purchased separately to connect an audio device.</li> <li>• One headset (headphone and microphone combo) port</li> </ul>


**Table 6. External ports (continued)**

Description	Values
Video port/ports	Three Thunderbolt 4 USB Type-C ports with Power Delivery and DisplayPort  <b>NOTE:</b> A USB-C to DisplayPort adapter (sold separately) is required to connect a DisplayPort device.
Media-card reader	One microSD-card slot v6.0
Power-adaptor port	DC-IN through one of the three Thunderbolt 4 USB Type-C ports  <b>NOTE:</b> You can connect a Dell Docking Station to this port. For more information, see the knowledge base article 000124295 at <a href="http://www.dell.com/support">www.dell.com/support</a> .
Security-cable slot	Not supported

## Internal slots

The following table lists the internal slots of your XPS 14 9440.

**Table 7. Internal slots**

Description	Values
M.2	One M.2 slot for M.2 2230 or M.2 2280 solid-state drive  <b>NOTE:</b> To learn more about the features of different types of M.2 cards, search in the Knowledge Base Resource at <a href="http://www.dell.com/support">www.dell.com/support</a> .


## Wireless module

The following table lists the Wireless Local Area Network (WLAN) module that is supported on your XPS 14 9440.

**Table 8. Wireless module specifications**

Description	Values
Model number	Intel Killer 1675 (AX211)
Transfer rate	Up to 2400 Mbps
Frequency bands supported	2.4 GHz/5 GHz/6 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 6E (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 wireless card	Bluetooth 5.3


**Table 8. Wireless module specifications (continued)**

Description	Values
	 <b>NOTE:</b> The version of the Bluetooth wireless card may vary depending on the operating system that is installed on your computer.

## Audio

The following table lists the audio specifications of your XPS 14 9440.

**Table 9. Audio specifications**

Description	Values				
Audio controller	Waves MaxxAudio 12				
Stereo conversion	Supported				
Internal audio interface	SoundWire interface				
External audio interface	Three Thunderbolt 4 USB Type-C ports with Power Delivery and DisplayPort  <b>NOTE:</b> A USB-C to 3.5 mm AUX audio adapter can be purchased separately to connect an audio device.				
Number of speakers	Two tweeter speakers				
Internal-speaker amplifier	Not supported				
External volume controls	Keyboard shortcut controls				
Speaker output:					
<table border="1"><tr><td>Average speaker output</td><td>2 W x 2</td></tr><tr><td>Peak speaker output</td><td>2 W x 2</td></tr></table>	Average speaker output	2 W x 2	Peak speaker output	2 W x 2	
Average speaker output	2 W x 2				
Peak speaker output	2 W x 2				
Subwoofer output	Not supported				
Microphone	Dual digital-array microphones				

## Storage

This section lists the storage options on your XPS 14 9440.

Your XPS 14 9440 supports one M.2 2230 or M.2 2280 solid-state drive.

**Table 10. Storage specifications**

Storage type	Interface type	Capacity
M.2 2230 solid-state drive	PCIe Gen4 NVMe	512 GB
M.2 2280 solid-state drive	PCIe Gen4 NVMe	Up to 4 TB

## Media-card reader

The following table lists the media cards that are supported on your XPS 14 9440.

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

Description	Values
Media-card type	One microSD card slot v6.0
Media-cards supported	<ul style="list-style-type: none"><li>• microSecure Digital (mSD)</li><li>• microSecure Digital High Capacity (mSDHC)</li><li>• microSecure Digital Extended Capacity (mSDXC)</li></ul>
<p><b>NOTE:</b> The maximum capacity supported by the media-card reader varies depending on the standard of the media card that is installed on your computer.</p>	

## Keyboard

The following table lists the keyboard specifications of your XPS 14 9440.

**Table 12. Keyboard specifications**

Description	Values
Keyboard type	Backlit keyboard
Keyboard layout	QWERTY
Number of keys	<ul style="list-style-type: none"><li>• Arabic, English International, Canada (Bilingual) (MUI), English US, Hebrew, Korean: 64 keys</li><li>• English UK, French (European), Czech/Slovakian (MUI), German, Hungarian, Italian, Nordic (MUI), Spanish (Latin America), Swiss European (MUI), Turkish, Portuguese Iberian, Spanish (Castillian): 65 keys</li><li>• Japanese: 68 keys</li></ul>
Keyboard size	X= 19.05 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><b>NOTE:</b> You can define the primary behavior of the function keys (F1–F12) changing <b>Function Key Behavior</b> in BIOS setup program.</p> <p>For more information, see <a href="#">Keyboard shortcuts</a>.</p>

## Keyboard shortcuts of XPS 14 9440

**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 alternative characters or to perform secondary functions. The symbol that is 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 that is 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 top row of the keyboard is a capacitive touch panel. The **fn** mechanical key toggles between the keys **F1-F12** and keys for multimedia control. Releasing the **fn** key switches back to the previous mode.

Pressing the **fn** key and the **esc** key locks the "mode" of the capacitive touch panel. If the computer restarts, the default mode is the last mode set by the user before the computer is restarted.

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

**Table 13. List of keyboard shortcuts**

Keyboard shortcut	Behavior
fn	Switch between modes of the capacitive touch panel
fn + B	Pause
fn + S	Toggle scroll lock
fn + R	System request
fn + ctrl + B	Break
fn + esc	Lock the mode of the capacitive touch panel
fn + left arrow	Home
fn + right arrow	End
Copilot	Launch Copilot in Windows <b>NOTE:</b> If Copilot in Windows is not available on your computer, the Copilot key launches Windows Search. For more information about Copilot in Windows, search in the Knowledge Base Resource at <a href="http://www.dell.com/support">www.dell.com/support</a> .

## Camera

The following table lists the camera specifications of your XPS 14 9440.

**Table 14. Camera specifications**

Description	Values
Number of cameras	Two
Camera type	FHD RGB-IR camera
Camera location	Front
Camera sensor type	CMOS sensor technology
Camera resolution:	
Still image	2.07 megapixels
Video	1920 x 1080 at 30 fps
Infrared camera resolution:	
Still image	0.23 megapixels
Video	640 x 360 at 15 fps
Diagonal viewing angle:	

**Table 14. Camera specifications (continued)**

Description		Values
	Camera	81.3 degrees
	Infrared camera	78.1 degrees

## Touchpad

The following table lists the touchpad specifications of your XPS 14 9440.

**Table 15. Touchpad specifications**

Description		Values
Touchpad resolution:		> 300 DPI
Touchpad dimensions:		
	Horizontal	149 mm (5.87 in.)
	Vertical	74 mm (2.91 in.)
Touchpad gestures		For more information about touchpad gestures available on Windows, see the Microsoft Knowledge Base article at <a href="https://support.microsoft.com">support.microsoft.com</a> .


## Power adapter

The following table lists the power adapter specifications of your XPS 14 9440.

**Table 16. Power adapter specifications**

Description	Option one	Option two
Type	60 W AC small form factor	100 W AC small form factor
Power-adapter dimensions:		
Height	22 mm (0.86 in.)	26.50 mm (1.04 in.)
Width	55 mm (2.16 in.)	60 mm (2.36 in.)
Depth	66 mm (2.59 in.)	122 mm (4.80 in.)
Input voltage	100 VAC–240 VAC	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz	50 Hz–60 Hz
Input current (maximum)	1.70 A	1.70 A
Output current (continuous)	<ul style="list-style-type: none"> <li>• 20 V/3 A (continuous)</li> <li>• 15 V/3 A (continuous)</li> <li>• 9 V/3 A (continuous)</li> <li>• 5 V/3 A (continuous)</li> </ul>	<ul style="list-style-type: none"> <li>• 20 V/5 A (continuous)</li> <li>• 15 V/3 A (continuous)</li> <li>• 9 V/3 A (continuous)</li> <li>• 5 V/3 A (continuous)</li> </ul>
Rated output voltage	<ul style="list-style-type: none"> <li>• 20 VDC</li> <li>• 15 VDC</li> <li>• 9 VDC</li> </ul>	<ul style="list-style-type: none"> <li>• 20 VDC</li> <li>• 15 VDC</li> <li>• 9 VDC</li> </ul>



**Table 16. Power adapter specifications (continued)**

Description		Option one	Option two
		<ul style="list-style-type: none"> <li>5 VDC</li> </ul>	<ul style="list-style-type: none"> <li>5 VDC</li> </ul>
Temperature range:			
	Operating	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)
	Storage	-20°C to 70°C (-4°F to 158°F)	-40°C to 70°C (-40°F to 158°F)
 <b>CAUTION:</b> 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 XPS 14 9440.

**Table 17. Battery specifications**

Description		Values
Battery type		6-cell lithium-ion polymer 70 Wh
Battery voltage		11.70 VDC
Battery weight (maximum)		0.27 kg (0.59 lb)
Battery dimensions:		
	Height	6.75 mm (0.27 in.)
	Width	268.70 mm (10.58 in.)
	Depth	73 mm (2.87 in.)
Temperature range:		
	Operating	<ul style="list-style-type: none"> <li>Charge: 0°C to 45°C (32°F to 113°F)</li> <li>Discharge: 0°C to 70°C (32°F to 158°F)</li> </ul>
	Storage	-20°C to 65°C (-4°F to 149°F)
Battery operating time		Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.
Battery charging time (approximate)  <b>NOTE:</b> Control the charging time, duration, start and end time, and so on, using the Dell Power Manager application. For more information about Dell Power Manager, search in the Knowledge Base Resource at <a href="http://www.dell.com/support">www.dell.com/support</a> .		<ul style="list-style-type: none"> <li>Standard charge: Charge from 0% to 80% within 4 hours</li> <li>Express charge: Charge from 0% to 80% within 1 hour, charge from 0% to 100% within 2 hours</li> </ul>
Coin-cell battery		Not supported
 <b>CAUTION:</b> 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.		

**Table 17. Battery specifications (continued)**

Description	Values
 <b>CAUTION:</b> Dell Technologies recommends that you charge the battery regularly for optimal power consumption. If your battery charge is 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 XPS 14 9440.

**Table 18. Display specifications**

Description	Option one	Option two
Display type	14.5-inch 3.2K Organic Light Emitting Diode (OLED), Low Blue Light	14.5-inch White Light Emitting Diode (WLED), Full High Definition (FHD+), Low Blue Light
Touch options	Yes	No
Display-panel technology	Active Matrix Organic Light Emitting Diode (AMOLED)	In-Plane Switching (IPS)
Display-panel dimensions (active area):		
	Height	312.19 mm (12.29 in.)
	Width	195.12 mm (7.68 in.)
	Diagonal	14.50 mm (0.57 in.)
Display-panel native resolution	3200 x 2000	1920 x 1200
Luminance (typical)	400 nits	500 nits
Megapixels	6.40	2.304
Color gamut	100% DCI-P3	100% sRGB
Pixels Per Inch (PPI)	260	156
Contrast ratio (minimum)	1000000:1	2000:1
Response time (maximum)	1 ms	24 ms
Refresh rate	120 Hz	120 Hz
Horizontal view angle	+/- 85 degrees	+/- 85 degrees
Vertical view angle	+/- 85 degrees	+/- 85 degrees
Pixel pitch	0.0976 mm	0.1626 mm
Power consumption (maximum)	9.32 W	2.39 W
Anti-glare vs glossy finish	Anti-reflective	Anti-glare