

# Dell Pro Essential Micro PVM1265

## 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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# Views of Dell Pro Essential Micro PVM1265

## Front view

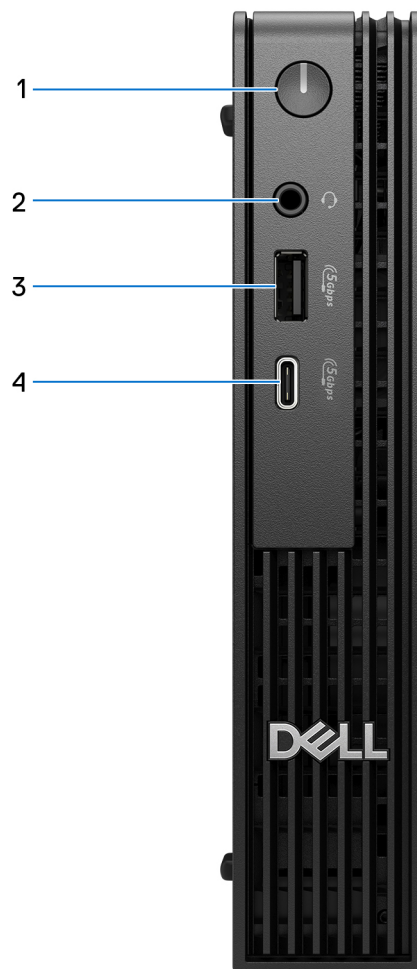


Figure 1. Front view

### 1. Power button

Press to turn on the computer when the computer 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.

### 2. Headset (headphone and microphone combo) port

Supports connection of headphones or combo headsets with integrated microphone for audio input and output.

### 3. USB 3.2 Gen 1 (5 Gbps) port

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

### 4. USB 3.2 Gen 1 (5 Gbps) Type-C port

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

# Back view

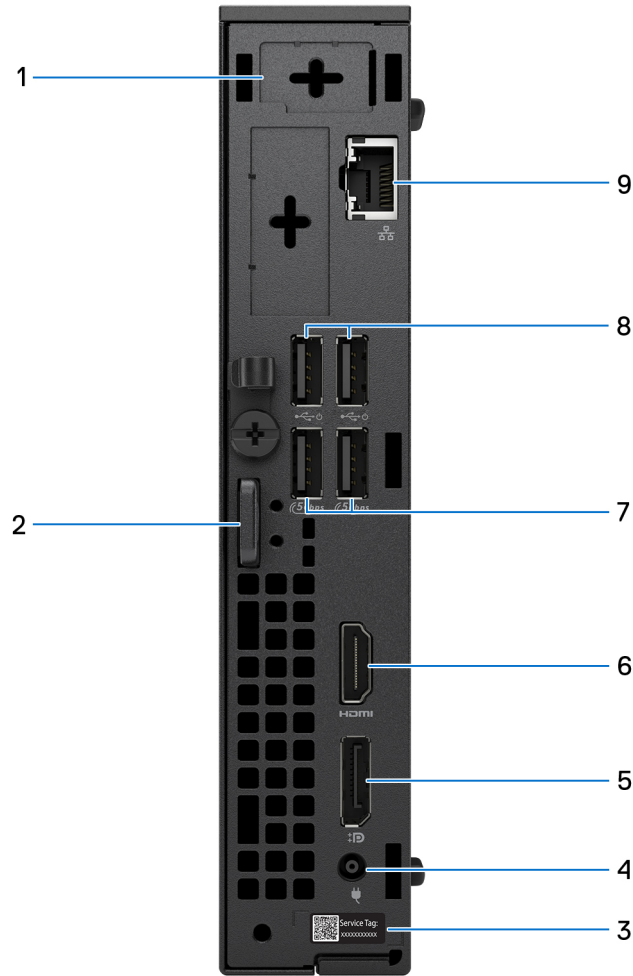


Figure 2. Back view

**1. Optional external antenna port**

Supports an optional external antenna module.

**2. Kensington security-cable slot and padlock ring**

Connect a security cable to prevent unauthorized movement of your computer and install a standard padlock to prevent unauthorized access to the interior of 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.

**4. Power-adaptor port**

Connect a power adaptor to provide power to your computer.

**5. DisplayPort 1.4a port**

Connect an external display or a projector.

**6. HDMI 2.1 (TMDS) port**

Connect a gaming console, Blu-ray player, or other HDMI-out enabled device.

**7. Two USB 3.2 Gen 1 (5 Gbps) ports**

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

### 8. Two USB 2.0 (480 Mbps) port with Smart Power On

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

### 9. RJ45 ethernet port (1 Gbps)

Connect an ethernet (RJ45) cable from a router or a broadband modem for network or Internet access, with a transfer rate of 10/100/1000 Mbps (maximum 1 Gbps).

## Top view



Figure 3. Top view of Dell Pro Essential Micro PVM1265

### 1. MyDell QR code

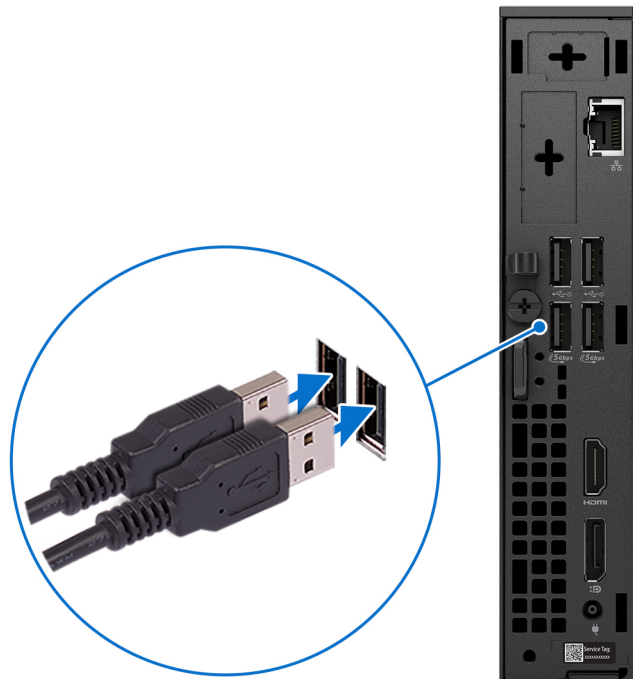
MyDell is your hub for content personalized to your Dell Pro Essential Micro PVM1265, including videos, articles, manuals, and easy access to support.

## Set up your computer

### Steps

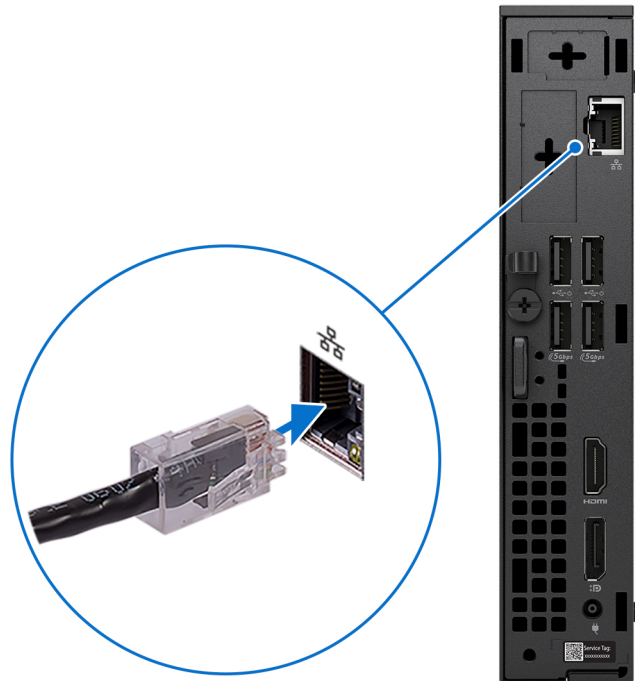
1. Connect the keyboard and mouse.

**NOTE:** For setup instructions, see the documentation that is shipped with the keyboard and mouse.



**Figure 4. Connecting the keyboard and mouse**

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



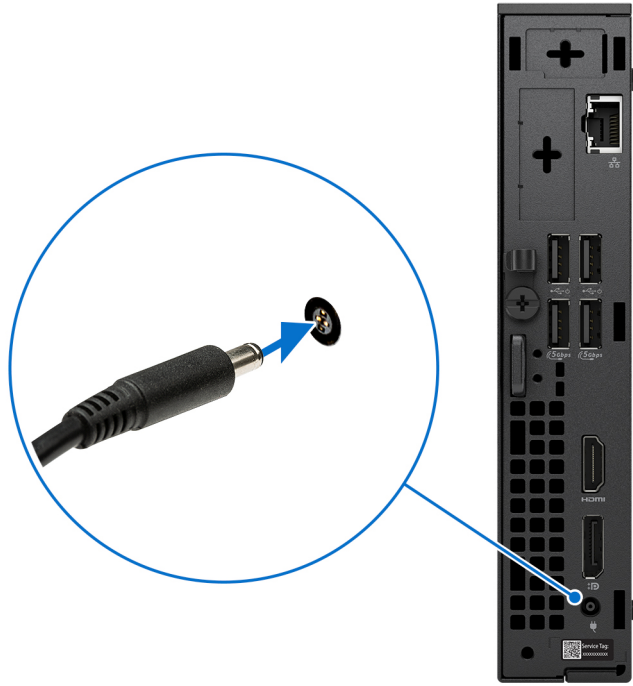
**Figure 5. Connecting the network cable**

3. Connect the display.



**Figure 6. Connecting the display**

4. Connect the power cable.



**Figure 7. Connecting the power cable**

5. Press the power button.



**Figure 8. Pressing the power button**

6. Finish the operating system setup.

**For Windows:**

Follow the on-screen instructions to complete the setup. When setting up, Dell Technologies recommends that you:

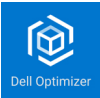
- Connect to a network for Windows updates.

**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.

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

**Table 1. Locate Dell apps**

Resources	Description
	<p>Dell Optimizer is an application that is designed to enhance computer performance and productivity by optimizing settings for power, battery, display, collaboration touchpad, and presence detection. It also provides access to applications purchased with your new computer.</p> <p>For more information, see Dell Optimizer User's Guide at <a href="#">Dell Support Site</a>.</p>

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


Resources	Description
	<b>Dell Product Registration</b> Register your computer with Dell.
	<b>Dell Help &amp; Support</b> Access help and support for your computer.
	<b>SupportAssist</b> SupportAssist is a proactive and predictive technology that offers automated technical support for Dell computers. It proactively monitors both hardware and software, addressing performance issues, preventing security threats, and automating engagement with Dell Technical Support. For more information, see SupportAssist documentation at <a href="#">Dell Support Site</a> .  <b>NOTE:</b> In SupportAssist, click the warranty expiry date to renew or upgrade your warranty.

# Specifications of Dell Pro Essential Micro PVM1265

## Dimensions and weight

The following table lists the height, width, depth, and weight of your Dell Pro Essential Micro PVM1265.

**Table 2. Dimensions and weight**

Description	Values
Height	182.00 mm (7.17 in.)
Width	36.00 mm (1.41 in.)
Depth	178.00 mm (7.01 in.)
Weight  <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>• Minimum: 1.10 Kg (2.42 lbs)</li> <li>• Maximum: 1.30 Kg (2.86 lbs)</li> </ul>


## Processor

The following table lists the details of the processors that are supported on your Dell Pro Essential Micro PVM1265.

**Table 3. Processor**

Description	Option one	Option two	Option three
Type	AMD Ryzen 3 110	AMD Ryzen 5 150	AMD Ryzen 7 170
Wattage	30 W	35 W	35 W
AMD configurable TDP (cTDP)	15 W-30 W	35 W-54 W	35 W-54 W
Number of CPU cores	4	6	8
Number of threads	8	12	16
Processor Speed	Up to 4.30 GHz	Up to 4.55 GHz	Up to 4.75 GHz
Processor-cores frequency			
Processor base frequency	3 GHz	3.30 GHz	3.20 GHz
Maximum turbo frequency	4.30 GHz	4.55 GHz	4.75 GHz
Cache	10 MB	19 MB	20 MB
L2 cache	2 MB	3 MB	4 MB
L3 cache	8 MB	16 MB	16 MB
Integrated graphics	AMD Radeon 660M	AMD Radeon 660M	AMD Radeon 680M

**Table 3. Processor (continued)**

Description	Option one	Option two	Option three
 <b>NOTE:</b> Tera Operations Per Second (TOPS) is an AI performance metric that measures how many trillions of operations per second an AI processor can perform.			

## Chipset

The following table lists the details of the chipset that is supported by your Dell Pro Essential Micro PVM1265.

**Table 4. Chipset**

Description	Values
Chipset	System on Chip (SOC)
Processor	AMD Ryzen 3 110/5 150/7 170
DRAM bus width	128-bit
Flash EPROM	32 MB
PCIe bus	Up to Gen4

## Operating system

Your Dell Pro Essential Micro PVM1265 supports the following operating systems:

- Windows 11 Home
- Windows 11 Pro
- Windows 11 Pro Education
- No Operating System

## Memory

The following table lists the memory specifications that are supported by your Dell Pro Essential Micro PVM1265.

**Table 5. Memory specifications**

Description	Values
Memory slots	Two SODIMM slots
Memory type	DDR5
Memory speed	4800 MT/s
Maximum memory configuration	64 GB
Minimum memory configuration	8 GB
Memory size per slot	8 GB, 16 GB, or 32 GB
Memory configurations supported	<ul style="list-style-type: none"><li>• 8 GB: 1 x 8 GB, DDR5, 4800 MT/s, SODIMM, single-channel</li><li>• 16 GB: 2 x 8 GB, DDR5, 4800 MT/s, SODIMM, dual-channel</li></ul>

**Table 5. Memory specifications (continued)**

Description	Values
	<ul style="list-style-type: none"> <li>• 16 GB: 1 x 16 GB, DDR5, 4800 MT/s, SODIMM, single-channel</li> <li>• 32 GB: 2 x 16 GB, DDR5, 4800 MT/s, SODIMM, dual-channel</li> <li>• 32 GB: 1 x 32 GB, DDR5, 4800 MT/s, SODIMM, single-channel</li> <li>• 64 GB: 2 x 32 GB, DDR5, 4800 MT/s, SODIMM, dual-channel</li> </ul>

## Memory matrix

The following table lists the memory configurations that are supported on your Dell Pro Essential Micro PVM1265.

**Table 6. Memory matrix**

Configuration	Slot	
	DIMM1	DIMM2
8 GB DDR5	8 GB	Not used
16 GB DDR5	16 GB	Not used
16 GB DDR5	8 GB	8 GB
32 GB DDR5	32 GB	Not used
32 GB DDR5	16 GB	16 GB
64 GB DDR5	32 GB	32 GB

## External ports and slots

The following table lists the external ports and slots on your Dell Pro Essential Micro PVM1265.


**Table 7. External ports and slots**

Description	Values
Network port	One RJ45 ethernet port (1 Gbps)
USB ports	<ul style="list-style-type: none"> <li>• One USB 3.2 Gen 1 (5 Gbps) Type-C port</li> <li>• Three USB 3.2 Gen 1 (5 Gbps) port</li> <li>• Two USB 2.0 (480 Mbps) ports with Smart Power On</li> </ul>
Audio port	One headset (headphone and microphone combo) port
Video port(s)	<ul style="list-style-type: none"> <li>• One HDMI 2.1 (TMDS) port</li> <li>• One DisplayPort™ 1.4a (HBR3 support) port</li> </ul>
Power-adaptor port	One 4.5 mm DC-in port
Security-cable slot	One security-cable slot (for Kensington locks)

# Internal slots

The following table lists the internal slots of your Dell Pro Essential Micro PVM1265.

**Table 8. Internal slots**

Description	Values
M.2	<ul style="list-style-type: none"><li>• One M.2 2230 slot for Wi-Fi and Bluetooth combo card</li><li>• Two M.2 2230/2280 Gen4 slots for solid state drive</li></ul> <p> <b>NOTE:</b> To learn more about the features of different types of M.2 cards, search <a href="#">Dell Support Site</a>.</p>

# Ethernet

The following table lists the wired ethernet Local Area Network (LAN) specifications of your Dell Pro Essential Micro PVM1265.


**Table 9. Ethernet specifications**

Description	Values
Model	RTL8111H
Transfer rate	10/100/1000 Mbps

# Wireless module

The following table lists the Wireless Local Area Network (WLAN) module that is supported on your Dell Pro Essential Micro PVM1265.

**Table 10. Wireless module specifications**

Description	Values
Model number	MediaTek Wi-Fi 6 MT7920
Transfer rate	1200 Mbps
Frequency bands supported	2.4 GHz/5 GHz
Wireless standards	<ul style="list-style-type: none"><li>• Wi-Fi 802.11 a/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 wireless card  <b>NOTE:</b> The functionality of the Bluetooth wireless card may vary based on the operating system.	Bluetooth 5.4

# Audio

The following table lists the audio specifications of your Dell Pro Essential Micro PVM1265.

**Table 11. Audio specifications**

Description	Values
Audio type	High Definition Audio (HDA)
Audio controller	Realtek ALC3204
Internal audio interface	High Definition Audio (HDA) interface
External audio interface	Headset (headphone and microphone combo) port
Speakers	Internal speakers

# Storage

This section lists the storage options on your Dell Pro Essential Micro PVM1265.

**Table 12. Storage specifications**

Storage type	Interface type	Capacity
M.2 2230 solid state drive	QLC PCIe Gen4x4 NVMe, Class 25	512 GB or 1 TB
M.2 2230/2280 solid state drive	TLC PCIe Gen4x4 NVMe, Class 35	256 GB, 512 GB, or 1 TB

**NOTE:** Your computer supports two solid state drive configurations.

- **Single solid state drive configuration:** One solid state drive is installed in either of the two slots.
- **Dual solid state drive configuration:** Solid state drives are installed in both slots.

To upgrade from a single solid state drive configuration to a dual configuration by adding an solid state drive, users must install solid state drive thermal pads on both solid state drives to ensure optimal performance. These heatsinks must be purchased separately.


# Power adapter

The following table lists the power adapter specifications of your Dell Pro Essential Micro PVM1265.

**Table 13. Power-adapter specifications**

Description	Option one	Option two
Type	65 W	90 W
Connector dimensions:		
External diameter	4.50 mm	4.50 mm
Internal diameter	2.90 mm	2.90 mm
Power-adapter dimensions:		
Height	28.00 mm	32.00 mm
Width	47.00 mm	52.00 mm
Depth	108.00 mm	128.00 mm

**Table 13. Power-adaptor specifications (continued)**

Description	Option one	Option two
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	1.50 A
Output current (continuous)	3.34 A	4.62 A
Rated output voltage	19.50 VDC	19.50 VDC
Temperature range:		
Operating	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)
Storage	0°C to 40°C (32°F to 104°F)	-40°C to 70°C (-40°F to 158°F)
 <b>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.</b>		

## GPU—Integrated

The following table lists the specifications of the integrated Graphics Processing Unit (GPU) supported by your Dell Pro Essential Micro PVM1265.

**Table 14. GPU—Integrated**

Controller	Memory size	Processor
AMD Radeon 660M	Shared system memory	AMD Ryzen 3 110/5 150
AMD Radeon 680M	Shared system memory	AMD Ryzen 7 170

## Video port resolution (GPU—Integrated)

**Table 15. Video port resolution (GPU—Integrated)**

Graphics card	Video ports	Maximum supported resolution
AMD Radeon 660M	One DisplayPort 1.4a (HBR3 support) port	5120 x 3200 @ 60 Hz
	One HDMI 2.1 (TMDS) port	4096 x 2160 @ 60 Hz
AMD Radeon 680M	One DisplayPort 1.4a (HBR3 support) port	5120 x 3200 @ 60 Hz
	One HDMI 2.1 (TMDS) port	4096 x 2160 @ 60 Hz

## External display support (GPU—Integrated)

Display support for the integrated graphics card

**Table 16. Display support specifications**

Graphics card	Supported external displays
AMD Radeon 660M	<ul style="list-style-type: none"><li>• With MST- 4 (DP)</li><li>• Without MST- 2 (DP + HDMI)</li></ul>
AMD Radeon 680M	<ul style="list-style-type: none"><li>• With MST- 4 (DP)</li><li>• Without MST- 2 (DP + HDMI)</li></ul>

 **NOTE:** MST (Multi-Stream Transport)/daisy-chaining supports four displays.

## Hardware security

The following table lists the hardware security of your Dell Pro Essential Micro PVM1265.

**Table 17. Hardware security**

Hardware security
Security-cable slot (Kensington lock)
Padlock ring
SafelD including Trusted Platform Module (TPM) 2.0

## Regulatory compliance

The following table lists the regulatory compliance of your Dell Pro Essential Micro PVM1265.

**Table 18. Regulatory compliance**

Regulatory compliance
Product Safety, EMC and Environmental Datasheets
Dell Regulatory Compliance Home Page
Responsible Business Alliance Policy

## Operating and storage environment


This table lists the operating and storage specifications of your Dell Pro Essential Micro PVM1265.

**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

**Table 19. Computer environment (continued)**

Description	Operating	Storage
Shock (maximum)	110 G†	160 G†
Altitude range	-15.2 m to 3048 m (-49.87 ft to 10,000 ft)	-15.2 m to 10,668 m (-49.87 ft to 35,000 ft)
 <b>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.</b>		

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

† Measured using a 2 ms half-sine pulse.

## Dell Optimizer

This section details the Dell Optimizer specifications of your Dell Pro Essential Micro PVM1265.

Dell Optimizer is an AI-based software application that allows you to customize your computer settings for power and more.

For Dell Pro Essential Micro PVM1265 with Dell Optimizer, you can:

- Tune the performance, power consumption, cooling, and fan noise with selectable thermal modes.
- Download and redeem the apps that are purchased with your computer.

For more information about configuring and using these features, see [Dell Optimizer User Guide](#).

## Dell support policy

For information about Dell support policy, search [Dell Support Site](#).

# Getting help and contacting Dell Technologies

## Self-help resources


You can get information and help on Dell Technologies products and services using these self-help resources:


**Table 20. Self-help resources**

Self-help resources	Resource location
Information about Dell Technologies products and services	<a href="#">Dell Site</a>
Contact Support	In Windows search, type <code>Contact Support</code> , and press Enter.
Online help for operating system	<a href="#">Windows Support Site</a>
Access top solutions, diagnostics, drivers and downloads, and learn more about your computer through videos, manuals, and documents.	Your Dell Technologies computer is uniquely identified using a Service Tag or Express Service Code. To view relevant support resources for your Dell Technologies computer, enter the Service Tag or Express Service Code at <a href="#">Dell Support Site</a> .  For more information about how to find the Service Tag for your computer, see <a href="#">Instructions on how to find your Service Tag or Serial Number</a> .
Dell Technologies knowledge base articles	<ol style="list-style-type: none"> <li>1. Go to <a href="#">Dell Support Site</a>.</li> <li>2. On the menu bar at the top of the Support page, select <b>Support &gt; Support Library</b>.</li> <li>3. In the Search field on the Support Library page, type the keyword, topic, or model number, and then click or tap the search icon to view the related articles.</li> </ol>

## Contacting Dell Technologies

To contact Dell Technologies for sales, technical support, or customer service issues, see [Contact Support at Dell Support Site](#).

 **NOTE:** Availability of the services may vary depending on the country or region, and product.

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

## Revision history

Tracks all updates that are made to the document. It typically includes the date of change, version number, and a brief description of the modification. This log helps maintain transparency, accountability, and a clear timeline of progress.

**Table 21. Revision history**

<b>Revision</b>	<b>Date</b>	<b>Description</b>
A00	02-2025	Original publish date.