

# Dell Precision 3240 Compact

## Connecting External Displays



## 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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# Enable multiple displays


The Precision 3240 Compact supports display on multiple monitors when **Multi-Display** is enabled in the BIOS.

Enable multi display in the BIOS:

1. Turn on (or restart) your computer and press **F2** immediately to enter the BIOS.
2. Click **Video** to expand the video options.
3. Click **Multi-Display**, and then select the **Enable Multiple-Display** checkbox.

 **NOTE:** Multiple-Display is checked by default.

4. Click **Primary Display**.
5. Click **Auto**, **Intel HD Graphics**, or **NVIDIA HD Graphics** to choose the primary display.

 **NOTE:** NVIDIA HD Graphics option is available only when the NVIDIA graphics card is installed on the computer.

## Display behavior

The Precision 3240 Compact supports multiple displays only in the operating system.

The supported operating systems are:

- Windows 10
- Red Hat Linux
- Ubuntu

**Table 1. Supported video ports**

Graphics cards	Video ports
Intel HD Graphics	<ul style="list-style-type: none"> <li>• Two DisplayPorts</li> <li>• One Optional module</li> </ul>
NVIDIA RTX3000	Four Mini DisplayPorts
NVIDIA P1000	Four Mini DisplayPorts
NVIDIA P400	Three Mini DisplayPorts
NVIDIA P620	Four Mini DisplayPorts

**NOTE:** If the monitor is connected to the NVIDIA graphics card based on the available monitor input ports, an Mini DisplayPort to DisplayPort/HDMI/VGA/DVI adapter may be required.

**Table 2. Display behavior when multi-display is enabled**

Primary display	Display output	Display priority
Auto or Intel HD Graphics	DisplayPort	DisplayPort 1 > DisplayPort 2 > DisplayPort 3 <b>NOTE:</b> The third display is available only when the optional video module is installed.
NVIDIA HD Graphics	Mini DisplayPort	Mini DisplayPort 1 > Mini DisplayPort 2 > Mini DisplayPorts 3

**Table 3. Display behavior when multi-display is disabled**

Primary display	Display output	Display behavior
Auto	DisplayPort	If an NVIDIA graphics card is installed on the computer, then the monitor must be connected to the Mini DisplayPort on the NVIDIA graphics card. If the monitor is connected to the DisplayPort on the Intel HD graphics or the optional module, then a warning message <b>Unsupported Video Configuration Detected</b> is displayed.
Intel HD Graphics	DisplayPort	Video output is present on the monitor. <b>NOTE:</b> If the monitor is connected to the Mini DisplayPort on the NVIDIA graphics card, then there is no video output on the monitor.
NVIDIA HD Graphics	Mini DisplayPort	Video output is present on the monitor. <b>NOTE:</b> If the monitor is connected to the DisplayPort on the Intel HD graphics card or the optional module, then a warning message <b>Unsupported Video Configuration Detected</b> is displayed.















































































**NOTE:**

- All displays must be connected to DisplayPort from Intel HD Graphics/optional module or Mini DisplayPort from NVIDIA graphics card.
- Display will output from NVIDIA graphics card by default if monitors are connected to both Intel HD Graphics/optional module and NVIDIA graphics card.

## Graphics card resolution and connectors


This section provides information about the graphics card resolution and connectors.

**Table 4. Graphics card resolution and connectors**

Resolution	Intel HD Graphics	Optional module	NVIDIA P400	NVIDIA P620	NVIDIA P1000	NVIDIA RTX3000
800 x 600						
1024 x 768						
1152 x 864						
1176 x 664						
1280 x 720						
1280 x 768						
1280 x 800						
1280 x 960						
1280 x 1024						
1360 x 768						
1366 x 768						
1400 x 1050						
1440 x 900						

**Table 4. Graphics card resolution and connectors (continued)**

Resolution	Intel HD Graphics	Optional module	NVIDIA P400	NVIDIA P620	NVIDIA P1000	NVIDIA RTX3000
1600 x 1200						
1680 x 1050						
1768 x 992						
1920 x 1080						
1920 x 1200						
1920 x 1440						
2048 x 1152						
2048 x 1536						
2560 x 1440						
2560 x 1600						
3840 x 2160						
Connector type	2 DisplayPorts	DisplayPort/ HDMI/Type C	3 Mini DisplayPorts	4 Mini DisplayPorts	4 Mini DisplayPorts	4 Mini DisplayPorts

 **NOTE:** Some of the resolution may not be supported by your monitor. Refer your monitor's users guide for the supported resolution.




# 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 5. Self-help resources**

Self-help resources	Resource location
Information about Dell products and services	<a href="http://www.dell.com">www.dell.com</a>
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> <a href="http://www.dell.com/support/linux">www.dell.com/support/linux</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="https://www.dell.com/support/home/?app=knowledgebase">https://www.dell.com/support/home/?app=knowledgebase</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>

## 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 and product, and some services may not be available in your country.

 **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.