

Cirrus/ Proctorio - Use of a Second Screen

Although the use of a second display screen is **not** permitted, it is possible to extend a laptop screen to a single larger monitor. In order to do this, an **external webcam, mouse and keyboard must be used** and plugged directly into/ wirelessly connected to the laptop. The laptop screen will remain closed during the entire exam so please ensure the external keyboard and mouse are used.

Please note the external webcam, keyboard and mouse must also meet the minimum system requirements shown below in order to begin the examination.

Minimum System Requirements				
	Windows	Mac	Linux	Chrome OS
Operating System	Windows 7+	macOS 10.12 Sierra+	Ubuntu 18.04+	Chrome 58+
Processor	Intel Pentium or better	Intel	Intel Pentium or better	Intel or ARM
Free Disk Space	250 MB	250 MB	250 MB	250 MB
Free RAM	2 GB ¹	2 GB ¹	2 GB ¹	1 GB ¹
Internet Speed	1Mbps Upload and 1.5Mbps Download			
Microphone	Any microphone, either internal or external			
Webcam	320x240 VGA resolution (minimum) internal or external			
Browser	Google Chrome			
Screen Resolution	1280 x 800			
Hardware Requirements	<ul style="list-style-type: none"> • Mouse and keyboard • Monitor: Recommended 15" or higher • Processor capacity: 1GHz or faster • Memory: 1 gigabyte (GB) (32-bits) or 2GB (64-bits) and for video double at least. • Free Hard disk space: 2GB for browser and caching • Internet Access: Wired connection recommended where possible. • Graphical card: For video 64MB of Ram 			
Additional Information	¹ Free RAM is the minimum amount of memory that is not in use by any other applications.			

Once you have logged into your Cirrus Dashboard and clicked the Start Assessment button you will be taken to the Proctorio Systems Diagnostics page – see screenshot of this page below. **It is at this point you must close your laptop otherwise the system will detect the use of multiple screens as per the Warning message in red at the bottom of the page shown below.**

Before you Begin

This exam will be proctored. Here are a few things to know before you begin.



We will tell you when we start and stop recording.



Your institution can access the data collected and will control who sees it.



Decisions are made by your exam admin, not us.

Proctorio d.o.o. complies with [GDPR](#), [FERPA](#), and other regulations. Read our [Privacy Policy](#). Your data will be securely stored in **Amsterdam, Netherlands** for 1 year before being deleted.



What's recorded during the exam

camera feed • audio • computer screen • exam environment • websites visited • location • identity document



What's restricted during the exam

no exam re-entry • one monitor • full-screen mode • no new tabs • no printing • no downloads • no right-clicking • cache cleared



24/7 support available during the exam

Click the Proctorio browser extension icon to chat with an agent within seconds.

Accessibility options:

[Enable high visibility mode.](#)

[Learn more about Proctorio's approach to Accessibility.](#)

User action required before you continue. Please do the following:

Close all other browser tabs and windows. (1 tab still open). [click here](#) to do this for me.

Multiple display screens detected. Please disable all but **one** monitor. [Need help?](#)

You need to complete the required user actions explained above before you can continue.

Continue

Once you have closed the laptop, and the system recognises that you no longer are using multiple display screens you will then be able to proceed to your examination (provided both your keyboard, mouse and external webcam meet the minimum system requirements). You will then be greeted with the page below which will allow you to proceed to your examination by clicking the green Continue button:

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Just a heads up...

It looks like your computer is pretty busy right now.

You can still proceed with your exam, but we recommend that you close all open tabs and any applications you have running in the background and try again.

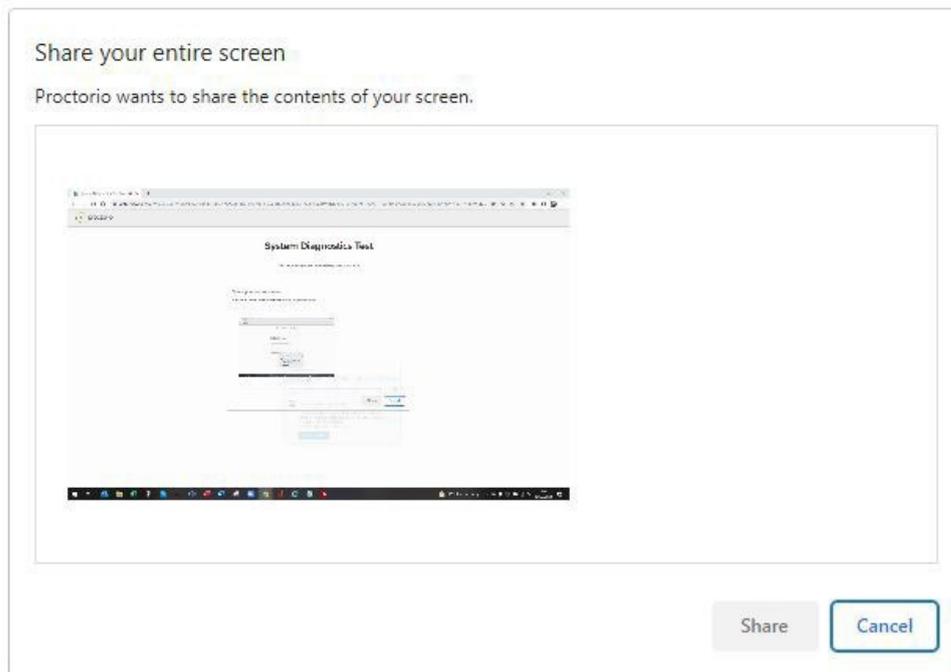
You need to complete the required user actions explained above before you can continue.

Continue

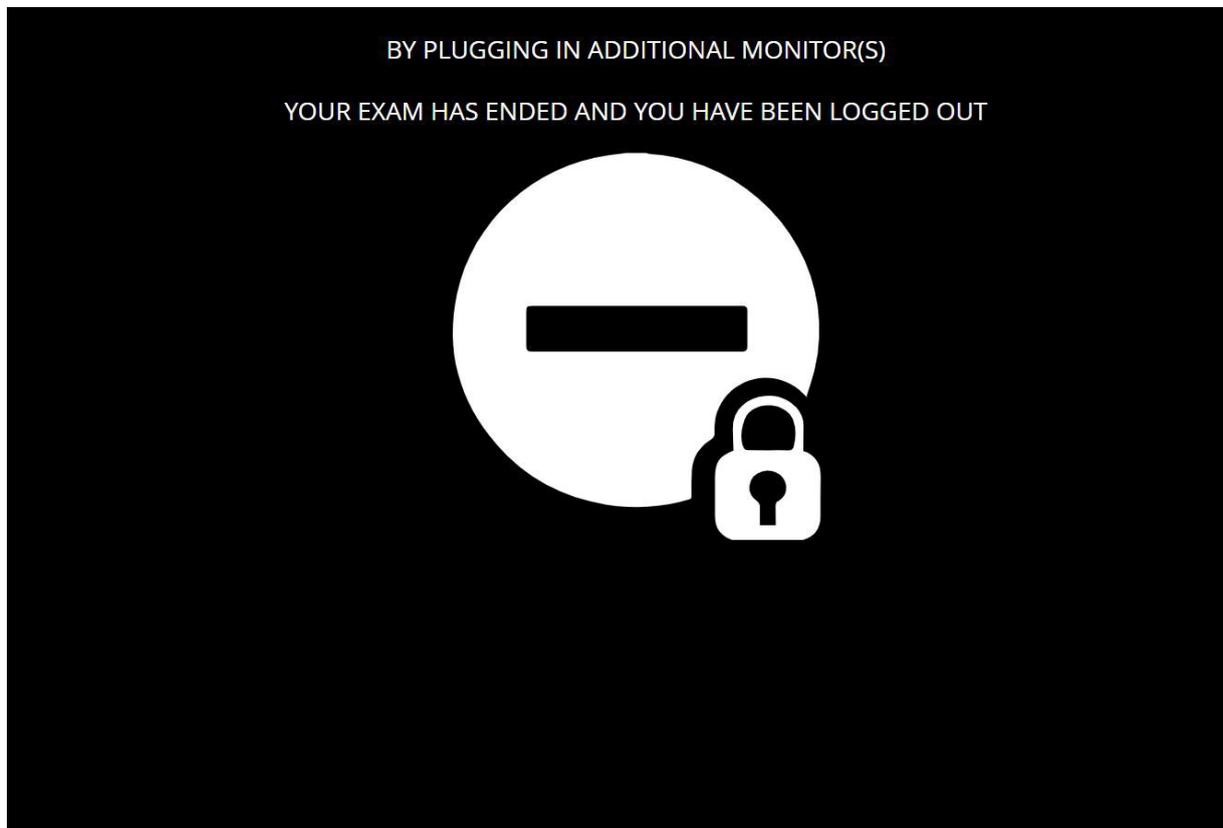
Once you click on the green Continue Button to commence your examination, you will then be asked to share your screen. This can be done by clicking on the image in the box and then selecting the Share Button. Please note the Share button will only become active once you click on the image in the box. See screen shot of page below:

System Diagnostics Test

The system diagnostics test will only take a moment



Please note should you choose to use this setup for your examinations, if the laptop screen is opened at any time during the examination, the system will automatically log you out of your examination as it will assume you are using multiple display screens. See Error Message shown below:



You will then have to log back into the Cirrus platform and begin your system checks once again. **Should this issue occur, it is important to note that no additional time can be awarded and the time spent outside of the examination will be taken from your overall exam time.**

Students are also advised to check their display settings to ensure their laptop does not power off once the lid is closed.

Final Warning: Although the above information is provided as a guide to allow students to set up their laptop to extend to a larger monitor, please note the responsibility to ensure this setup is correct remains with the student. Failure to ensure the webcam remains in place in order to record the student for the duration of the examination may result in the examination being voided.

N.B. Students should be able to see their own image in the Proctorio Quiz Tools box located in the top left of their screen for the entire duration of their examination. Should you not be able to see yourself in the video please close out of your examination immediately, ensure your webcam is plugged in, log in to the Cirrus Portal once more and go through the various security checks.