

Technical Briefing – AIRCast Studio Hardware requirements

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Both Host and Presenter computers should be allocating all computing resources to the operation of AIRCast Studio i.e., close any background software such as Outlook, Slack, Skype, Teams etc. and close any unnecessary browser tabs.

This includes any virtual background programs as this technology can also use a large amount of resources on the local computer.

You may want to have your email or another option on a separate device as an alternative way to contact you in case of technical problems.

AIRCast Studio Presenters

Presenters in AIRCast Studio need a personal computer with adequate performance to manage their presentations and video feeds.

The following are our recommended hardware requirements for AIRCast Studio session presenters:

- Wired internet connection
- Personal computer with a minimum i5 or equivalent processor
- All pre-recorded videos shared by presenters should not exceed the technical specifications of 720p resolution and 2Mbps bitrate. Also, all pre-recorded videos shared via the Media Panel must reside on the presenters' local hard drive

AIRCast Studio Hosts

If you're a host managing an AIRCast Studio session, your computer hardware is working with up to nine streams of content that can include video streams, media such as video, images and audio, and your own connections to AIRCast Studio (if you're also presenting).

The following are our recommended hardware requirements for AIRCast Studio session hosts:

1. **Always** use a wired connection if you are the Host
2. Encourage your presenters to use a wired connection
3. Use a minimum i5 processor with 8GB RAM if you are the Host (i7 with 16GB is ideal)
4. Set up an additional Host. If the broadcast goes black, any alternate host can click Replace Host and take over. This will resolve most technical issues and all the presenters are still connected.
5. Do not minimize or put the AIRCast Studio into the background. This will cause the broadcast to stop.
6. Disable Sleep and Power Saving options on your PC
7. Ensure your pre-recorded videos do not exceed the technical specifications of 720p resolution and 2Mbps

bitrate

8. Each presenter (on the Main Stage or in the Green Room) requires some of your CPU. The maximum is 9 presenters at any one time.
9. Periodically use the Preview button and check the Broadcast Preview. This will show you what attendees are seeing and hearing.

Virtual Attendees

Virtual attendees are taking part in AIRCast Studio sessions through OnAIR, and therefore don't have any special hardware requirements. All attendees logging into the OnAIR Portal for the first time are asked to Allow and select a camera and microphone for their browser.
