

# Recommended system requirements for a Kaltura Room in Sakai

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 This article is designated for all users.

## About

The Kaltura Room allows users to join video conferences with just a link, both inside and outside your organization. To ensure a smooth experience, make sure your device meets the system requirements, and you have a supported browser, operating system, and internet connection.

## Access requirements

Anyone inside or outside your organization can join with a link. Here's what you need to participate:

- A compatible device that meets the minimum system requirements
- A supported web browser
- A supported operating system
- A broadband internet connection (learn how to prepare your network)
- A built-in or external USB web camera
- Speakers and a microphone – these can be built-in, USB plug-in, or wireless Bluetooth



A webcam and microphone are only required for those who will be speaking or broadcasting video.

## System requirements

### Processor

- Intel: 4 cores or higher
- Apple M-Series: M1 or higher

## Supported operating systems

Kaltura Rooms support the latest version and the previous major releases of the following operating systems:

- **Microsoft:** Windows 10 or later
- **Apple:** macOS Mojave or later
- **Chrome OS**

## Mobile operating systems

You don't need to install a separate app. Just join directly from your mobile browser (Chrome on Android, Safari on iOS).



The mobile experience is great for viewers — they can easily watch and follow along on the go. However, please note that moderation and content-sharing tools like screen sharing, quick polls, and media uploads are not currently available on mobile.



For the best experience, use portrait orientation and ensure a strong, stable internet connection.

## Supported web browsers

Kaltura Rooms are compatible with any up-to-date browser that supports WebRTC. We recommend using the current version of one of the following browsers:

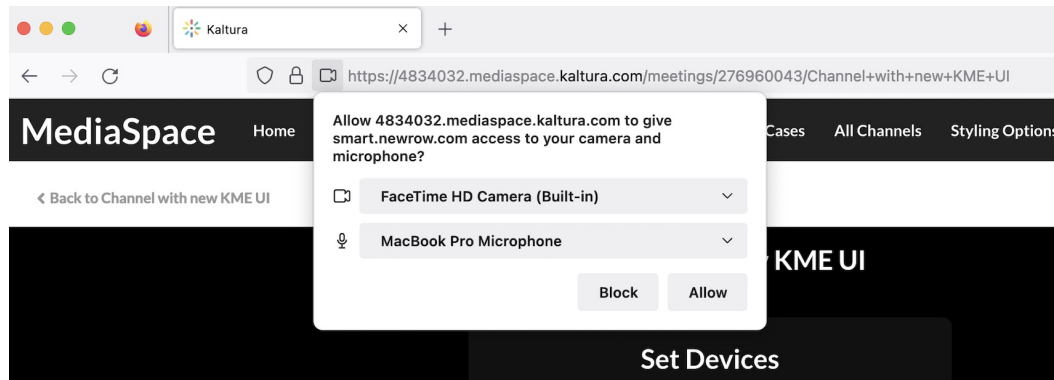
- **Chrome** ([download the latest version](#))
- **Mozilla Firefox** ([download the latest version](#))
- **Microsoft Edge** Chromium-based only, version 79 and up ([download the latest version](#))
- **Apple Safari:** ([download the latest version](#))

**Mobile note:** Use Chrome on Android and Safari on iOS for best results. Some features like speaker selection, device dropdowns, or screen sharing may not be available on mobile browsers.

## Allow camera and microphone access

Before joining a meeting, you'll need to allow Kaltura Room to access to your camera and microphone:

- The first time you join a Kaltura Room, your browser may ask for permission to use your devices. Click **Allow** when prompted.



- Alternatively, you can go to your browser's site settings and manually enable camera and microphone access.



Selecting audio output is only available in Chrome.

## Screen sharing

To enable screen sharing in Kaltura Rooms, go to *System Preferences > Security & Privacy* on your device. From there, enable screen sharing, which may also be referred to as 'Screen & System Audio Recording'.

## Hardware recommendations

While you can join Kaltura Rooms with the minimum system requirements, certain use cases like multitasking and high-quality video benefit from upgraded hardware. Below are the minimum recommended specs for different operating systems:

- **Windows:** Computer or laptop with 4-core processor and 4GB of RAM, or Surface Pro 2 or 3
- **Mac:** 4-core processor or M chipset, 4GB of RAM
- **Chrome OS:** 4GB of RAM



Certain features, like **virtual backgrounds**, may require more advanced processing power. These features are automatically disabled on devices that don't meet the necessary performance criteria.

## Bandwidth recommendations

The bandwidth used by Kaltura Rooms is optimized to adjust based on your network. Here's the recommended bandwidth for different use cases:

- **With webcam and microphone:** 2 Mbps upload, 2 Mbps download
- **With microphone only:** 1.5 Mbps upload, 2 Mbps download
- **Without webcam or microphone:** 1 Mbps upload, 2 Mbps download

## Cookies

Cookies must be enabled in your browser for Kaltura Rooms to work properly. Any browser extensions or settings that block or disable cookies may prevent you from joining a session. Make sure third-party cookies are also enabled, especially for accessing rooms in inline frames ( `<iframe>` ).

## Security

To participate in a real time session, please ensure that the location you are connecting from allows for the streaming and downloading of real time video.

Please visit our article [Network firewall settings for Kaltura Meetings and Virtual Classroom](#) to learn more.

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