Ultimate Chart of Computer Connectors and Ports

Updated for 2018

USB, Keyboard and Mouse

USB Type A (male)	USB Type A (female)	USB Type B (male)	USB Type B (female)	USB Mini-A (male)	USB Micro-A (male)	USB Type C (male)	USB Type C (female)
USB 3.0 Type A (male)	USB 3.0 Type A (female)	USB 3.0 Type B (male)	USB 3.0 Micro B (male)	PS/2 (male)	PS/2 (female)	AT Keyboard (male)	AT Keyboard (female)

Storage / Disk

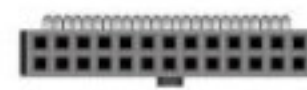|							
SATA Type A	e-SATA	IDE 40-pin Connector	IDE 40-pin Port	Thunderbolt	Firewire 400 1394a 6-pin	Firewire 400 1394a 4-pin	Firewire 800/3200 1394b/c
SCSI VHCDI 8.mm 68-pin	SCSI Micro DB68 (male)	SCSI Micro DB68 (female)	SCSI Micro DB50 (male)	Internal 50-pin SCSI (m)	Internal 50-pin SCSI (f)	Internal 68-pin SCSI (m)	Internal 68-pin SCSI (f)

Network / Communications

Ethernet RJ-45	Modem/Phone RJ-11	Serial/Parallel (m) DB-25	Serial/Parallel (f) DB-25	Serial RS232 (m) DE-9	Serial RS232 (f) DE-9	Centronics Parallel 36-pin	MIDI/gameport/DA-15

Audio

| Line-Out, Headphones | Microphone | Stereo Line In | Subwoofer/Center Out | Rear Surround Speakers | Mid Surround Speakers | Digital Audio (RCA) | Optical Audio "Toslink" |

Video

| VGA/SVGA (male) DE-15 | VGA/SVGA (female) DE-15 | DisplayPort (male) | DisplayPort (female) | Mini DisplayPort (m) | Mini DisplayPort (f) | HDMI Type A (male) | HDMI Type A (female) |

| DVI-I Single Link | DVI-I Dual Link | DVI-D Single Link | DVI-D Dual Link LFH-60 | DVI-D Dual Link DMS-59 | Micro-DVI | Mini-DVI | Mini HDMI Type C |

| Composite A/V (RCA) | S-Video | Component Video (m) | Component Video (f) | RF/Coaxial (male) | RF/Coaxial (female) | Apple Display Conn (ADC) | Micro HDMI Type D |

Power

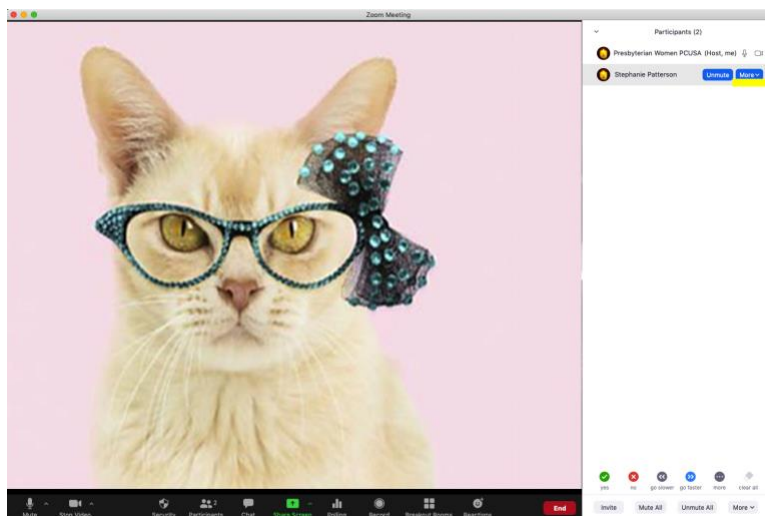| IEC 320 C13/C14 Connector | IEC 320 C13 Socket (f) | IEC 320 C14 Plug (m) | IEC 320 C19 (f) | IEC 320 C20 (m) | IEC 320 C5 Connector | SATA Power Connector | Molex 4-pin Connector |

How to share a video (DVD or other media) in Zoom

Zoom allows the meeting host to share their screen or to give participants the ability to share their screens. If someone other than the Zoom meeting host will share the video, the host must allow screen sharing for that participant.

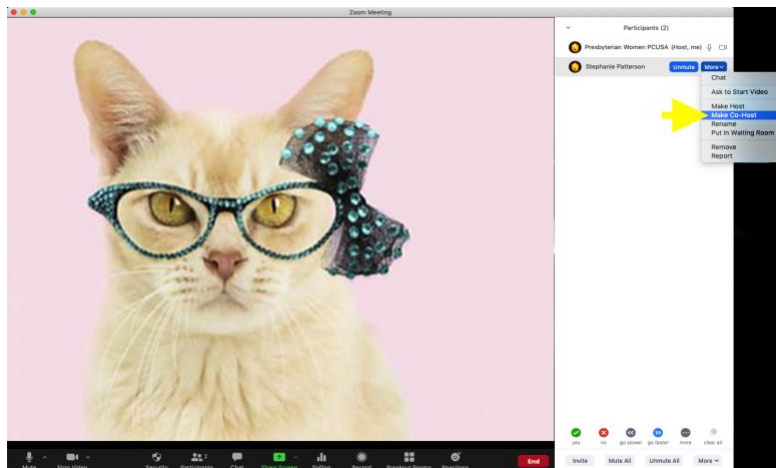To do this, the host clicks on "participants" on the bottom navigation bar.

From the pop-up window that appears, the host hovers over the name of the participant who is to receive access and clicks "more" to the right side of their name.

Facebook and YouTube

Although Presbyterian Women are encouraged to share content on YouTube that has been posted by PW Churchwide, Presbyterian Women are discouraged from uploading/sharing PW/*Horizons* Bible study and other copyrighted videos via Facebook or YouTube. PW/*Horizons* Bible Studies in all formats and related products are copyrighted © *Horizons* Presbyterian Women in the Presbyterian Church (U.S.A.).
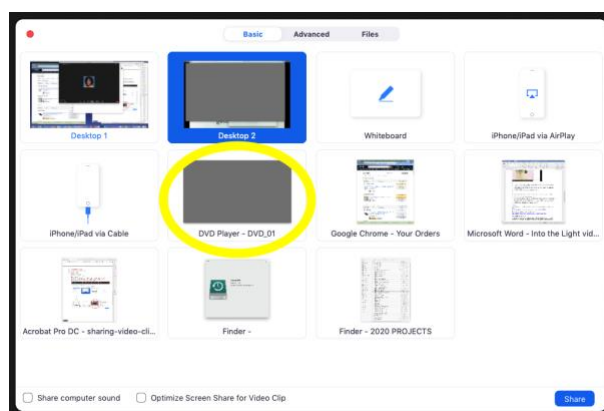
The host then clicks on "make co-host".

- Using your preferred video playing software (QuickTime, Real Player, etc.), queue up the video you wish to share on your device.
- In Zoom, after you have signed in and joined the meeting, click "share screen" (black row beneath the video).
- In the popup window that appears, select your video <u>and</u>, at the bottom left of the popup window, ensure you also select "share computer sound."*
- Click the "share" button in the lower right.
- You will see the video on screen**, with a small banner at the top that says "You are screen sharing" on a green bar and "Stop Share" in a red banner. Using the controls in your video playing software, press play on the video to start, pause or restart the video, as needed.
- In Zoom, press "Stop Share" when the video is over.

NOTE:

*If you omit the "share computer audio" step, you'll hear the video but your attendees will not.
**If the screen where the video should display turns gray after sharing your screen, press the ESC key on the keyboard after pressing play. If the gray screen continues to display, try using an open-source media player such as *VLC media player* (https://www.videolan.org/vlc/index.html).

Please visit the Zoom Help Center for additional helps:
https://support.zoom.us/hc/en-us/articles/201362153-Sharing-your-screen

Media Software Suggestions

Video conferencing apps:

- Zoom (https://zoom.us/)
- Microsoft Teams (https://www.microsoft.com/en-us/microsoft-365/microsoft-teams/group-chat-software?rtc=1)
- Slack (https://slack.com/)
- BigBlueButton (https://bigbluebutton.org/)
- BlueJeans (https://www.bluejeans.com/)
- Whereby (https://whereby.com/)
- GoToMeeting (https://www.gotomeeting.com/)
- Cisco WebEx (https://webex.com)
- Google Meet (https://meet.google.com/)
- Blackboard Collaborate (https://www.blackboard.com/)
- and more!

Video editing software:

- Adobe Premier Pro (https://www.adobe.com/products/premiere.html)
- iMovie (MAC) (https://www.apple.com/imovie/)
- Movavi Video Editor (https://www.movavi.com/video-editor-plus/)
- Outklip (https://www.movavi.com/video-editor-plus/)
- and more!

Media player apps:

- Computer's built-in media player (Windows Media Player / QuickTime Player)
- VLC media player (https://www.videolan.org/vlc/index.html)
- Real Player (https://www.real.com/)
- Adobe Media Player (part of Creative Cloud - https://www.adobe.com/)
  and more!

Troubleshooting Issues & Helpful Tips

You don't have to know all the answers – you just have to know how to find the answers.

Troubleshooting

Participants hear no sound when media is played in Zoom.
If the one sharing their media does not click "share computer sound," they will hear the video, but the meeting attendees will not. Please visit the Zoom Help Center for additional helps: https://support.zoom.us/hc/en-us/articles/201362153-Sharing-your-screen.

Screen turns gray when sharing a DVD on Zoom.
(NOTE: be sure to get permission to share a commercial DVD video stream)
If the screen where the video should display turns gray after sharing your screen, press the ESC key on the keyboard after pressing play. If the gray screen continues to display, try using an open-source media player such as VLC media player (https://www.videolan.org/vlc/index.html).

Computer troubleshooting tips for when you're working from home.
https://lightningtechsupport.com/2020/04/06/ten-computer-troubleshooting-tips-for-when-youre-working-from-home/

Tips

Test your Internet speed: https://www.speedtest.net/

How to Live Stream to Facebook Live with ZOOM (5 min):
https://www.youtube.com/watch?v=OTKmVMavhYo&feature=youtu.be

How to Live Stream from your page with Facebook Live Producer (16 min):
https://www.youtube.com/watch?v=mJlvzd01l8c

Video recording
1. Choose a quiet location free from distraction.
2. Be sure to use good lighting.
3. Choose a small room for recording.
4. Sit about 2-3 feet from your device and PLEASE make sure your device is at eye level.
5. Try to look directly into the camera when recording.
6. Record in horizontal whenever possible, even when recording on a smartphone.
7. Relax!

For a more detailed synopsis, please view this 5 min video from the University of Rochester: https://www.youtube.com/watch?v=BgUAlw4myrs)