



## Project Equipment Specifications

### Tablets, Laptops, or Desktops

(Render is designed to be used on any Windows machine. However, we cannot guarantee that all devices will run Render properly.)

- Minimum Requirements
- Windows OS (Render will not work with Windows 10S, Chrome OS, Android, or IOS because they are not full Windows OS versions.)
  - Touch screens (Render has been optimized for a touch screen interface so that oral users and less tech savvy users do not have to use a mouse in Render.)
  - USB port (not micro USB. While micro USB will work, it will be difficult to charge and use your headset microphone at the same time.)
  - Dedicated charging port
  - 2+ GBs of RAM
  - 32+ GB hard drive (about 20GBs per project with typical scope)

### Keyboard

(For transcription of back translation or notes, if desired by the consultant.)

- Minimum Requirements
- Not needed for translation devices, so ideally would be easily hidden or detached from screen for those users. If USB port is on the keyboard, it is best to make sure that it will still work when the keyboard is hidden. (USB will not work on a detached keyboard).

### Headset Microphones

- Minimum Requirements
- Compatible with Windows (7 or later)
  - USB 2.0/3.0 connection interface
  - Noise canceling microphone

### External Speaker

- Minimum Requirements
- AUX port and cord
  - We have found that using an AUX cord, even with a Bluetooth speaker, is best as it works more reliably and Bluetooth drains computer batteries more quickly.

### Omni-Directional Condenser USB Microphone

(For community checking)

- Minimum Requirements
- Omni-Directional Recording
  - USB 2.0/3.0 connection interface

### Router

(For synchronizing project files)

- Minimum Requirements
- Wireless Standard: IEEE 802.11b/g/n 2.4GHz
  - USB storage sharing capability with a minimum of one USB 2.0 /3.0 port

### Flash Memory (External Hard Drives and Flash Drives)

(For synchronizing and storing project files and transferring project ID)

Depending on the scope of your project and future projects, the necessary size of your external hard drive can vary greatly.

- Minimum Requirements
- 20GBs per project with typical scope
  - USB 2.0/3.0 connection interface
  - Less than 2TB

### Surge Protectors

Depending on the purchased equipment, the number of outlets you will need can vary.

- Minimum Requirements
- 1 outlet per device requiring power from an outlet

**These are the minimum necessary pieces of equipment for a functioning project. For more specific device or specialized equipment recommendations visit:**