Headsets

This is a good reference website for the specs of a variety of headsets: https://vr-compare.com/

- Oculus Quest 1
    - Specs & Basic Capabilities

- Oculus Quest 2
    - Specs & Basic Capabilities

- Oculus Rift S
    - Specs & Basic Capabilities
    - Oculus Rift/Link Login Error

- Pico Neo 3 Eye
    - Specs & Basic Capabilities

- Magic Leap
    - Specs & Basic Capabilities

Oculus Quest 1

Specs & Basic Capabilities

Controllers: Oculus Touch Controllers (2)

Tethered?: Optional

Lighthouses?: No

Tracking: Inside-Out, 6DOF

Display panel: Dual OLED 1600x1440

Resolution (per eye): 1440 × 1600

Refresh rate: 72 Hz

Audio: Integrated positional audio

Storage: 64GB

Processor: Qualcomm Snapdragon 835 system-on-chip

Usage modes: Seated, standing, and room scale

https://developer.oculus.com/resources/oculus-device-specs/

Oculus Quest 2

Specs & Basic Capabilities

Controllers: Oculus Touch Controllers (2)

Tethered?: Optional

Lighthouses?: No

Tracking: Inside-Out, 6DOF

Display panel: Fast-switch LCD

Resolution (per eye): 1832 x 1920

Refresh rate: 60, 72, 90 Hz supported

Audio: Integrated positional audio

Storage: 128GB

Processor: Qualcomm® Snapdragon™ XR2 Platform

Usage modes: Seated, standing, and room scale

https://developer.oculus.com/resources/oculus-device-specs/

Oculus Rift S

Specs & Basic Capabilities

Controllers: 2 x Oculus Touch (second generation)

Tethered?: Yes

Lighthouses?: No

Tracking: Inside-Out, 6 DOF

Display panel: Single LCD

Resolution (per eye): 1280x1440

Refresh rate: 80 Hz

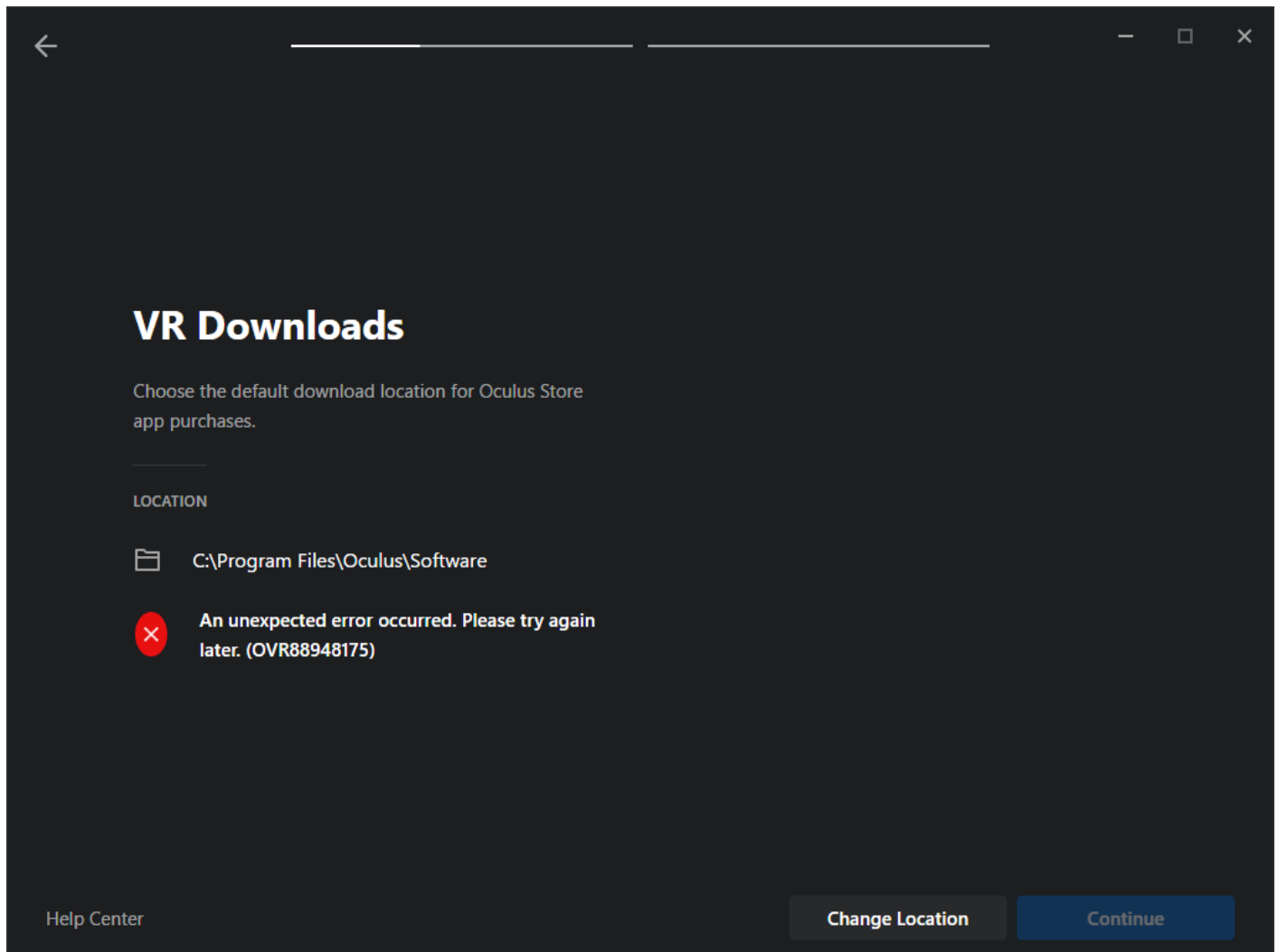**Audio:** Integrated Stereo Speakers

Storage: Dependent on computer

Processor: Dependent on computer

Usage modes: Seating, standing

Oculus Rift/Link Login Error

If you are having the following issue that looks like the following:

Close the software.

Open a windows command prompt from the start menu (or search). Copy the following line below and paste into the command prompt, then press enter.

REG ADD "HKCU\Software\Oculus VR, LLC\Oculus\Libraries"

Reopen Oculus software and verify you can move forward with setup.

Pico Neo 3 Eye

Specs & Basic Capabilities

Controllers: 2 x Pico Neo 3 Controller

Tethered?: Optional

Lighthouses?: No

Tracking: Inside-Out, 6 DOF

Display panel: Single LCD

Resolution (per eye): 1832x1920

Refresh rate: 90 Hz

Audio: Integrated stereo speakers

Storage: 128 GB

Processor:
Chipset   Qualcomm Snapdragon XR2
CPU   Octa-core Kryo 585 (1 x 2.84 GHz, 3 x 2.42 GHz, 4 x 1.8 GHz)
GPU   Adreno 650

Usage modes: Sitting, standing, room scale

Magic Leap

Specs & Basic Capabilities

Controllers: 1 x Magic Leap Controller

Tethered?: Optional

Lighthouses?: No

Tracking: Inside-Out, 6 DOF

Display panel: Waveguide Display

Resolution (per eye): 1280x960

Refresh rate: 122 Hz

Audio: Integrated Stereo Speakers

Storage: 128 GB (approximately 95 GB available to applications)

Processor: NVIDIA® Parker SOC CPU: 2 Denver 2.0 64-bit cores + 4 ARM Cortex A57 64-bit cores (2 A57's and 1 Denver accessible to applications) GPU: NVIDIA Pascal™, 256 CUDA cores Graphic APIs: OpenGL 4.5, Vulkan, OpenGL ES 3.3+

Usage modes: Seated, standing, and room scale

https://developer.magicleap.com/en-us/learn/guides/magic-leap-one-hardware-specifications