**Existing headsets**

High end:

* Oculus Quest $633
* Sony PlayStation $350

Low end:

* Source: https://www.sodapdf.com/blog/best-vr-headset/
* Google Cardboard: under $20, connects to an app, no head strap



* Google Daydream View: casing to put your phone into, price ranges around $100



**QTI Crypto Engine Core**

https://csrc.nist.gov/CSRC/media/projects/cryptographic-module-validation-program/documents/security-policies/140sp2614.pdf

**Microsoft Hololens 2**

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* Iris scanner
* Wireless
* Development resources/Documentation for app development [here](https://www.microsoft.com/en-us/hololens/developers)
* $3500 per device



**Vuzix**

Various different devices. Looks like a lot run off of android

<https://www.vuzix.com/products/>

Vuzix blade cheapest option at $500

**Displelix**

<https://www.dispelix.com/>

* Appear to be selling waveform + projector
* Development kit available
* Little information about product/development for device
* Price not shown on website, would need to contact them (Probably expensive then)



<https://next.reality.news/news/build-your-own-ar-headset-using-leap-motions-open-source-project-north-star-design-0185151/>

<https://leapmotion.github.io/ProjectNorthStar/mechanical.html>

-- open source AR headset

<https://developer.leapmotion.com/northstar>

<https://github.com/leapmotion/ProjectNorthStar>

<https://www.smart-prototyping.com/AR-VR-MR-XR/AR-VR-Kits-Bundles>

* Dev kits for project north star. Can buy all components needed for $500, can buy assembled and calibrated headset for $800 I believe. Open source AR with community-curated guides. Could be very helpful. Needs to be driven by outside source though - ie. computer or possibly a cellphone?