**Open Source Streaming Options**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Description** | **Features** | **Pricing Model** | **Open Source** |
| Api.video | REST API front end to cloud hosting service | Public & private hosting | Usage based storage and download | Probably not |
| Clipbucket.com | Create your own YouTube or Netflix. Deliver to iOS, Android, Set Top Box, Apple TV, and Roku. Used by media, manufacturing, education, corporate sector. Fully managed cloud based service, no coding required | Supports paid subscriptions and revenue sharing. Will insert advertising and banner ads | Monthly plans from $300 to $3000 per month | Probably not |
| Emby.media | End-user-friendly personal video server for home video, music and photos. Mobile devices Android, iPhone, Windows tablets.  Also Android TV, Roku, Xbox and more. Nice looking UI | Browser based admin, nice UI, multi-platform, file sync to devices | They seem to have free and paid version (only $5/month) | Maybe |
| Gerbera.io | Seems like an older project that supports streaming music to mobile devices. Not much mention of video services | Described as a UPnP media server | Not mentioned on the site. | Github |
| **Kaltura**  (Started in 2006) | *“Kaltura's mission is to power any video experience. Our wide array of video solutions are deployed globally across thousands of enterprises, media companies, service providers, and educational institutions, leveraging video to teach, learn, communicate, collaborate, and entertain.”* | Have a management app and a video player. Support SSL and DRM. CDN for high volume distribution. All types of upload, encoding, and distribution options | Cloud based service. All pricing is custom, call for a quote. Many large customers. | I think so. I see they have a github project for install packages |
| https://www.team-mediaportal.com/ | This looks like a “home -theater PC” product. Designed for Windows. Allows user to stream video and music to TV, play YouTube videos. Can record TV like a DVR. | This is a competitor to Plex. | Free product | Yes. Looking for community developers. |
| Kodi.tv | Another “home-theater PC” product. *“Kodi (formerly XBMC) is a free and open source media player application developed by the XBMC/Kodi Foundation, a non-profit technology consortium.”* | It allows users to play and view most videos, music, podcasts, and other digital media files from local and network storage media and the internet. | Relies on donations | Yes |
| **Kurento.org** | *“Kurento is a WebRTC media server and a set of client APIs making simple the development of advanced video applications for WWW and smartphone platforms. Kurento Media Server features include group communications, transcoding, recording, mixing, broadcasting and routing of audiovisual flows.”* | Interesting Article about WebRTC and RTPS:  https://www.kurento.org/blog/kurento-webrtc-gateway-ip-cameras | FOSS | Yes |
| Nunchee.com | Almost the same model as clipbucket.com from the description above. Another cloud-based, turn-key video-on-demand service. | Supports VOD using advertising support or subscription support for revenue. | Pricing from $250 to $1500 per month | Probably not |
| Open source Video.js  https://opensource.com/article/20/2/video-streaming-tools | That project uses the Real-Time Messaging Protocol (RTMP), Nginx web server, Open Broadcast Studio (OBS), and VLC media player. | Seems like more of a proof-of-concept, not a product, but makes it sound like an easy platform for video streaming |  | N/A |
| **Mistserver.org**  https://mistserver.com/ | *“Welcome to the MistServer developer portal! MistServer is a full-featured, next-generation streaming media toolkit for OTT (internet streaming), designed to be ideal for developers and system integrators. Below you'll find direct links to the most often searched for information and pages.”* | For the last **ten years**, MistServer has been the **leading media server**, with an open source core. MistServer allows you to take any media from **any location** using **any method**, and deliver it to **anyone, anywhere, in any format**. | They have community and professional versions.  **Interesting** | Yes |
| **Obsproject.com** | OBS Studio is the leading open source video recording and streaming option. Supports many types of devices. | High performance real time video/audio capturing and mixing. | Free. GPLv2 license | Yes |
| **Red5pro.com** | *“Red5 is an open source media server for live streaming solutions of all kinds. It is designed to be flexible with a simple plugin architecture that allows for customization of virtually any VOD and live streaming scenario. Red5 has been and is being used by thousands of companies from Amazon to Facebook.”* | WebRTC video streaming. They seem to be a developer of the open-source technology, but also host commercial companies.  Supports IP cameras. | From $30 / month to $3K / month. | Yes |
| **OpenCast.org** | Opencast is a flexible, scalable and reliable video capture, management, and distribution system for academic institutions. Opencast is built by a growing community of developers from leading universities and organizations worldwide. | Opencast offers a rich set of features to support educators, learners, video-operators and administrators. | Free | Yes |
| Openelec.tv | OpenELEC (Open Embedded Linux Entertainment Center) is a small Linux based Just Enough Operating System (JeOS) built from scratch as a platform to turn your computer into a “Kodi” media center. | TV and Personal Video Recorder. Watch your favourite TV channels. Browse through the TV listings and record your favorite TV broadcasts. Watch recordings when you like. | Free |  |
| https://www.openflixr.com/ | OpenFLIXR Media Server is an all-in-one media server for automated downloading and serving media. | A fully automated media server, ready to go in a couple of minutes! | Donations |  |
| Osmc.tv | OSMC (Open Source Media Center) is a free and open source media player based on Linux. Founded in 2014, OSMC lets you play back media from your local network, attached storage and the Internet. OSMC is the leading media center in terms of feature set and community and is based on the [Kodi](http://kodi.tv/) project. | Although OSMC is based on Linux, you don’t need to have any experience with Linux to get it up and running in the way you want. Everything is easily managed through the OSMC interface. For those that do want to tinker, you have the full Debian repositories (which bring over 30,000 packages) at your disposal. | It’s free and open source. |  |
| Streamhas.com | The ultimate destination to start any business model in video streaming niche. Be it an on-demand business model like Netflix, video streaming like Youtube or Live Video Streaming like Facebook Live – Streamhash provides you a ready-made solution to launch any business related to Video streaming online.  You will receive the source code , installation guide , installation needs document which you can download and have a copy for yourself for reference | Any business idea with this core concept can be easily developed using StreamView. From admin uploading a video to users making payment to users watching the videos, it’s all automated by a dynamic and responsive admin panel with multiple monetization channels. | From $159 to $559 |  |
| **Antmedia.io** | IP Camera & IPTV Streaming Solutions. Compatibility with ONVIF IP cameras with PTZ and Auto Discovery Features. Remote Stream Pulling(RTSP/RTMP/HLS) for IPTV solutions | RTMP, MP4, HLS, WebRTC and Adaptive bitrate support make streams play everywhere & every internet speeds including mobile browsers | $100 to $200 per month or $1399 purchase |  |
| www.universalmediaserver.com | A home-theater PC app.  Universal Media Server is a media server capable of serving videos, audio and images to any DLNA-capable device. | Has more features than any other media server, including paid media servers. | It is free, regularly updated. |  |
| www.Plex.tv | Probably the most well know HTPC app. Your favorite movies, TV, music, web shows, podcasts, and more, all streamed to your favorite screens. | Download our free and easy-to-use software where you store your files (usually a computer or external hard drive), it takes care of the rest. Plex magically scans and organizes your files, automatically sorting your media beautifully and intuitively in your Plex library. Once you've downloaded our app on your favorite devices, you'll be up and streaming everything in minutes. | Free | N/A |
| <https://medium.com/livepeer-blog>  <https://github.com/livepeer/wiki/blob/master/WHITEPAPER.md#the-live-video-stack> | Livepeer Blog: A decentralized livestreaming platform built on Ethereum.  The Livepeer project aims to deliver a live video streaming network protocol that is fully decentralized, highly scalable, crypto token incentivized, and results in a solution which can serve as the live media layer in the decentralized development (web3) stack. | I am not really sure what this is. |  | N/A |
| [**www.wowza.com**](http://www.wowza.com)  These guys have a high-end solution to on-site video servers | Downloadable media server software to power live and on-demand streaming, on-premises or in the cloud, with fully customizable software. Integrates with the new [Wowza ClearCaster Pro](https://www.wowza.com/products/clearcaster). | Build a professional-grade streaming infrastructure with Wowza Streaming Engine server software. All pricing plans are based on the number of server instances you deploy, so you can easily scale your solution affordably. | $95/month per instance | No |