



Planet eStream Digital Signage Player Guide

Planet eStream provides digital signage client applications to run on a variety of devices that run the following operating systems:

- Windows
- Linux
- Chromebit
- Android*

These client applications are provided as part of your Planet eStream digital signage licence and give you the flexibility to set up digital signage players with your existing hardware, or to source your own hardware cost effectively without the requirement to buy into a 'vendor only' hardware provision.

The displaying of your content with Planet eStream is web browser based because it offers the technology to provide you with the tools to display many different types of media content simultaneously, offering a very flexible experience. Playback of various types of content and playback of different content simultaneously is dependent on both the OS limitations and the player hardware specification. It is therefore important to ensure that you select the OS type and hardware specification that best suits the requirements of the tasks you wish to perform with your digital signage.

Below, you will find a matrix of supported content types for each OS, some guidance on signage player hardware and some advisories and recommendations to guide you with your choice.

Content Type	Windows	Linux	Chromebit	Android
Planet eStream Video	Yes	Yes	Yes	Yes
Live Streams	Yes	Yes	No	No
Live TV Channel	Yes	No	No	No
YouTube	Yes	Yes	Yes	Yes
Photosets	Yes	Yes	Yes	Yes
Image	Yes	Yes	Yes	Yes
Twitter Feeds	Yes	Yes	Yes	Yes*
RSS Feeds	Yes	Yes	Yes	Yes*
Message Pool	Yes	Yes	Yes	Yes*
Label	Yes	Yes	Yes	Yes
Clock	Yes	Yes	Yes	Yes
Weather	Yes	Yes	Yes	Yes

*Please note that Android OS, although supported with a dedicated Planet eStream client, is only recommended for basic digital signage requirements such as notice boards, slideshows, static twitter feeds, individual videos etc. With Android, it is not recommended to create signage with different content types being displayed on screen simultaneously; Android OS has intrinsic limitations that render it unsuitable for this type of signage requirement. Please note animation options on content types listed with a * are not supported

Planet eStream OS and Hardware Recommendations

To take advantage of the full flexibility and power that Planet eStream offers for digital signage creation, we would recommend a Windows or Linux OS installed on hardware that meets the minimum specification detailed below:

- 2.00GHz Intel Celeron N2810
- 2GB Ram
- 30GB Hard Drive Space
- Windows IOT or Pro or Linux latest Ubuntu LTS (Long Term Support)

Network Recommendations

A wired network connection is always the recommended option to avoid any interruption to digital signage display because of high wireless network traffic by your end users during busy periods. A network speed of at least 100Mbit is required (1Gbit is recommended).

Digital Signage Players

We like to offer our customers the flexibility of either sourcing their own player hardware or purchasing turnkey options directly from ourselves.

Our current turnkey options are based on Intel Compute Sticks and come complete with signage client software, OS, ethernet adapter and cable. We offer both standard and advanced player options for Windows and Linux. Windows options start at £159 and Linux options start at £129, both excluding VAT.

For customers who prefer to source their own hardware and download and install our signage client software, there are a vast range of suitable hardware options available. We have detailed a few suggestions below as a guide, but please note that the manufacturers detailed do offer a range of models and it is important to ensure that the model that you select does meet our minimum specification detailed earlier in this document.



Intel NUC Mini PCs



Gigabyte Brix Mini PCs



Zotac ZBOX C-Series Nano PCs



Compute Sticks (STK1, STK2)

Planet eStream does also support a range of less powerful and cheaper devices running the OS options detailed in the matrix on page one, such as Raspberry Pi 3B+. These are suitable for more basic signage needs and we have a blog post covering the user experience that you can expect from some of these devices that you are welcome to review [here](#).

Operating System Further Advisories

Chromebit

- No support if a proxy server is in use on the host network.
- No wake/sleep support.

Android

- Device must be running Android 7.1 or above on a specification of 2Ghz Quad Core ARM processor, 2GB Ram as a minimum.
- No support if a proxy server is in use on the host network.
- No wake/sleep support.
- No support for animation options on content.
- Only recommended for basic digital signage requirements.