

Compare 4 current TV operating systems

Up to now, you only pay attention to the operating system on the phone and the computer but forget the operating system on the TV. Refer to our article for more information, the advantages and disadvantages of the 4 current TV operating systems!

You are wondering what operating system to buy TV to suit your daily needs? What advantages and disadvantages will each operating system be? Please refer to our article to get the answer!

Android

Some TVs use Android operating systems such as Sony, Toshiba, and Sharp .

Advantages

1. Can install APK file - used to install software on the system, you can actively install more apps using this file. In the other 3 operating systems, you can only use the apps available in the app store.
2. Bring entertainment experiences such as gaming, entertainment and listening to music to the best users

Defect

1. As for Toshiba's Android TV, users will find it inconvenient because the app store has many apps that are not compatible with the TV. In addition, some TVs require users to use 2 remote controls.
2. Multi-icon interface makes it difficult for users to distinguish and recognize.



Tizen operating system

The most special Tizen operating system TV is Samsung. This technology giant has integrated the Tizen operating system since 2016, giving customers an enjoyable and convenient experience.

Advantages

1. Good interface and design. The total interface occupies only 1/3 of the screen area, with simple symbols, making it easy for users to use.
2. Connect with many different technology, electronic devices such as tablets, smartphones .
3. Allow 2-way data transmission, you can watch video in phone on TV screen and vice versa.
4. There is no need to enter the search manually, you can use the TV's built-in 'Voice'.
5. Lock app helps you protect your information and access more securely, especially for families with young children.
6. Tizen TV operating system has a rich application store, many interesting channels and programs for entertainment and learning.

Defect

1. Notation capabilities and compatibility with peripheral devices are not yet well optimized.
2. The overall interface of the operating system may make it difficult for those who rarely use smart TV to use it.



WebOS operating system

WebOS is not the original TV operating system produced by LG, but this is the "darling" of the company, invested by LG in the development and exclusive application for all LG Smart TVs.

Advantages

1. User-friendly interface, icon layout and items are designed to be easy to observe, logic, suitable for all users.

2. Superior 360 degree VR technology brings a sense of authenticity and perfection to every angle for viewers.
3. Magic Link mode helps users to discover more videos related to personal interests.
4. With WebOS 3.5 version, you can rest assured that all personal information is kept confidential. LG has proven this with the CAP2009-1 certification.

Defect

1. Sometimes the voice search app doesn't work very well.
2. The application store is not fundamentally diverse and plentiful.



Linux operating system

Advantages

1. High stability. Every time a new version is released, old bugs are fixed and updated quickly.
2. Safe and secure.
3. Operation is smoother and supports frequent upgrades even with low profile TVs.

Defect

1. External support applications are limited and not diverse
2. The control does not support voice search.

General assessment

In terms of interface, WebOS will be more appreciated for its simple and straightforward design.

In terms of features and applications, Android TV stands out because it supports installing APK files.

Tizen and Linux are assessed to be stable, not having any outstanding features compared to the two above operating systems.

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