Best Linux-Based Media Box

Specifications	
Model No.	RK3566 Linux TV Box
CPU	Rockchip RK3566 Quad Core ARM Cortex A55
GPU	Mali-G52 1-Core-2EE OpenGL ES 1.1/2.0/3.2, OpenCL 2.0, Vulkan 1.1 support
NPU	Neural network acceleration engine with processing performance up to 0.8 TOPS
RAM	8GB (2/4/8GB Optional)
ROM	64GB (16/32/64/128GB Optional)
OS	Android 11
Bluetooth	Support BT4.X
WiFi	Two external antennas Support 2.4G and 5G Support WiFi IEEE 802.11 b / g / n / ac
Video&Audio CODEC	
Video	H.265 HEVC/MVC Main10 Profile yuv420@L5.1 up to 4096x2304@60fps H.264 AVC/MVC Main10 Profile yuv400/yuv420/yuv422/@L5.1 up to 4096x2304@60fps VP9 Profile0/2 yuv420@L5.1 up to 4096x2304@60fps VP8 verision2,up to 1920x1088@60fps VC1 Simple Profile@low, medium, high levels, Main Profile@low, medium, high levels, Advanced Profile@level0~3,up to 1920x1088@60fps MPEG-4 Simple Profile@L0~6,Advanced Simple Profile@L0~5,up to 1920x1088@60fps MPEG-2 Main Profile, low, medium and high levels, up to 1920x1088@60fps MPEG-1 Main Profile, low, medium and high levels, up to 1920x1088@60fps H.263 Profile0,levels 10-70,up to 720x576@60fps H.264/AVC BP/MP/HP@level4.2，up to 1920x1080@100fps H.265/HEVC MP@level4.1, up to 1920x1080@100fps (4096x4096@10fps with TILE) Support YUV/RGB video source with rotation and mirror
Audio	Supports MP3, AAC, WMA, FLAC, Ogg.
I/O	
1*HDMI	4K*2K UHD Output, HDMI 1.4/2.0
3*USB	1* USB3.0 2* USB2.0 normal type
1*IR Reciver	3.5mm Earphone jack Remote Reciver Connect
1*RJ45	1000M Ethernet
1*Micro SD Card	Support External Memory
Power	DC 5V/2A
Others	
Image	HD JPEG, BMP, GIF, PNG, TIF
Language	English French German Spanish Italian etc multilateral languages
Option	Browse all video websites, support Netflix,Hulu,Flixster,Youtube, etc. Apps download freely form android market, amazon app store etc. Local Media playback, Support HDD, U Disck , TF Card.

Debian
10

Linux
4.19

CPU
RK3566

8K
Video CODEC

Rockchip RK3566

RK3566 has superior CPU processing power and better experience

CPU
RK3566

GPU
Mali-G52

Linux ——————1

Install the Linux operating system according to Develop the software you need for different purposes and usage habits.

Linux 2

The Linux system supports 8K video playback,Use a browser
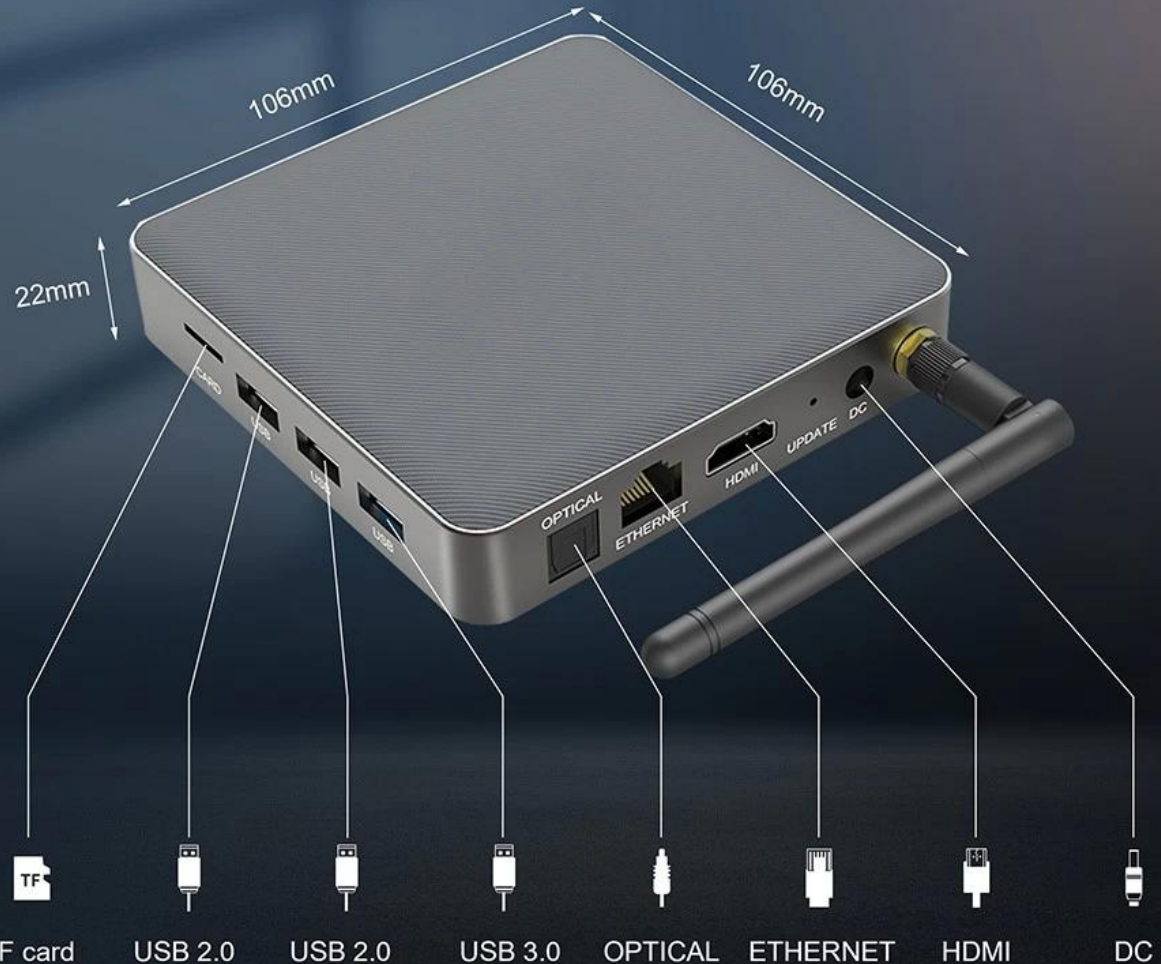to surf the Internet

Linux   3

Linux system can switch desktop wallpaper according to your needs

Product Specification

Multiple interfaces facilitate connecting more devices

106mm

106mm

22mm

TF card | USB 2.0 | USB 2.0 | USB 3.0 | OPTICAL | ETHERNET | HDMI | DC

The Best Linux-Based Media Box is the ideal solution for users seeking a high-performance, reliable, and versatile media device that enhances any home entertainment setup. Designed with advanced technology and operating on the Linux OS, this media box is crafted for those who demand quality streaming, exceptional visuals, and seamless multitasking capabilities. Built around a powerful quad-core processor, it efficiently handles complex applications, making it perfect for streaming, gaming, and media playback.

Equipped with 4GB of RAM and H.265 hardware decoding, this media box offers crisp, vibrant 8K Ultra HD visuals, which present your content with stunning clarity and vibrant color. The H.265 decoding reduces bandwidth usage, ensuring smooth streaming even at lower internet speeds. This feature is highly beneficial in households or environments with shared internet usage, as it allows for high-definition streaming without excessive buffering.

One of the standout features of this Linux-based media box is its support for WiFi 6, the latest standard in wireless connectivity. WiFi 6 provides faster download speeds, broader bandwidth, and

lower latency, which are essential for activities that demand high-speed internet, such as HD streaming and online gaming. This upgrade from previous WiFi standards means users can enjoy a more reliable connection with fewer interruptions, ensuring an immersive viewing experience with minimal lag.

The inclusion of the Linux operating system adds an additional layer of stability and customization for users. Linux is renowned for its reliability and open-source nature, allowing users to tailor their experience by installing compatible software, modifying settings, and creating a multimedia environment that suits their needs. Tech enthusiasts will appreciate the ability to customize their media box, while casual users will benefit from the intuitive and user-friendly interface Linux provides.

With flexible connectivity options, this media box is built to integrate seamlessly into any entertainment setup. The device comes equipped with multiple ports, including USB 3.0, USB 2.0, HDMI, and Ethernet. The HDMI port enables easy connection to a TV or monitor, delivering the 8K Ultra HD experience directly to your screen, while the Ethernet port ensures a stable wired internet connection for those who prioritize uninterrupted streaming. The USB ports provide compatibility with a wide range of peripherals, enhancing its versatility.

In addition to its powerful performance, the media box is designed with a compact and stylish exterior, allowing it to fit comfortably in any space without being obtrusive. This sleek design, combined with durable hardware, makes it suitable for both home and commercial use. It's a compact powerhouse that balances style and functionality, offering exceptional performance without taking up valuable space.

Whether you're a media enthusiast, a gamer, or someone who values high-quality visuals and reliability, this Linux-Based Media Box is a complete entertainment solution. It's designed to meet the needs of modern users who want the latest technology for streaming, gaming, and app usage in one device. With its quad-core processor, WiFi 6 capability, and customizable Linux OS, this media box transforms any setup into a powerful entertainment hub.