



## Feature:

1. This product is a digital audio central processing system, using domestic ARM chips (domestic Rockchip RK3588 processor) architecture, using Linux operating system and high-performance FFT/IIR/FIR hardware acceleration function for audio processing
2. The new generation FT-Designer integrated management platform, FionTu various audio products, product matching adopts modularization to freely configure, support online and remote management, and can monitor and control the system audio processing part in real time through the FT-Designer platform
3. The modular design scheme of audio processor algorithm can be designed freely and flexibly, and the software drag-and-drop interface is used to facilitate the tuner to operate network transmission
4. The F-LAN audio network transmission protocol designed by FionTu is adopted, and the audio delay is less than 3ms, and the transmission, monitoring and management of network audio are realized
5. This product adopts a plug-in design, flexibly configures 4 different interface boards, and supports the access of Dante boards, with a maximum of 256X256 audio transmission, processing, monitoring and other functions
6. Applicable occasions: sound reinforcement system of large and medium conference rooms or multi-function halls, background music system of churches and theaters, public broadcasting system of large places such as conference centers or hospitals
7. Adopting domestic Rockchip RK3588 processor (octa-core 64-bit, main frequency 2.4GHz)
8. Single-chip solution, network audio transmission, 256X256 audio processing, network monitoring and other functions
9. Built-in NPU, which can provide acceleration for audio AI algorithm
10. 8 slots support optional interface cards of different types
11. Support Dante function
12. Support 4 card slot boards
13. Interface card port number from 8 channels to 64+64 channels
14. Highly optimized embedded Linux operating system, suitable for low-latency applications
15. Complete and efficient audio algorithm library
16. Support drag-and-drop configuration design software and UCI supervision platform to build multi-channel audio recording and playback functions through the system
17. Support Lua script programming
18. Support GPIO and RS232/RS485 interface, central control interface
19. Support network dual backup
20. Support dual-machine redundant backup
21. Support dual power supply redundancy