



Description

The controller is the core equipment of the broadcasting system, which is mainly responsible for controlling, managing and scheduling the broadcasting content and equipment on campus. It is usually used in schools and other institutions to provide functions such as information release, emergency notification, safety alarm and daily broadcasting.

Features

- *Industrial-grade 1U cabinet chassis has a stable structure and excellent anti-electromagnetic interference and anti-radiation capabilities .
- *The CPU adopts an octa-core 64-bit big and small core architecture, 4*Cortex-A76+4*Cortex-A55, main frequency : 2.4GHz .
- *Running memory LPDDR4: 8GB.
- *Built-in EMMC storage capacity 128GB + 256G solid state drive.
- *Supports mainstream audio formats such as MP3, WAV, FLAC, OGG, AAC, OPUS, etc.
- *Supports NPU 6TOPS computing power .
- *It has 1-channel HDMI output interface and 1-channel line OUT audio output interface.
- *It has dual Ethernet RJ45 interfaces and supports 10/100/1000M adaptive Ethernet connection .
- *It has 2 USB2.0 ports and 2 USB3.0 ports (1 3.0 port is used for OTG upgrade).
- *With a one-touch reset and restart button, users can restart the device system with one click.
- *Supports Linux operating system and is compatible with any network structure such as routers, switches, bridge gateways, Modems, Internet, 2G, 3G, 4G, multicast, unicast , etc.
- *Digital products are easy to expand, are not restricted by geographical location, do not require additional computer room management equipment, adopt the design concept of common network and line construction-free, and are easy to install .
- *The broadcast system supports remote firmware upgrades for terminals, eliminating the need to perform local upgrades on the terminals, thus reducing the workload of maintenance personnel .

Specification

CPU	K3588 octa-core 64-bit big and small core architecture, 4*Cortex-A76 + 4*Cortex-A55, main frequency: 2.4GHz
GPU	Mali-G610 MC4 processing engine
NPU	Support 6TOPS computing power
Memory	LPDDR4:8GB
Built-in storage capacity	EMMC: 128GB+256GB solid state drive
Display interface	With 1 HDMI interface
Network port	With dual Ethernet RJ45 interface, support 10/100/1000M adaptive Ethernet connection
USB interface	With 2 USB2.0 ports, 2 USB3.0 ports (1 3.0 port is used for OTA upgrade)
Support agreement	Support IPV6 and IPV4 protocols
Audio format	Supports mainstream audio formats such as MP3, WAV, FLAC, OGG, AAC, OPUS, etc.
LINE OUT output distortion	≤ 0.1 %
LINE OUT output signal-to-noise ratio	> 73 dB
LINE OUT output amplitude	800 mV
LINE OUT output impedance	470Ω



Controller

T-8800K

Power consumption	≤ 50W
Standby power consumption	≤ 5W
Operating temperature	-10°C ~ 40°C
Working environment humidity	20% to 80% relative humidity, no condensation
Input power	~ 190-240V 50Hz
Dimensions (L x W x H)	492.8 × 213 × 44 mm
Net weight	2.6kg
Operating system	Linux