



IP Network Controller

T-17800



Description:

1. IP network digital PA server, equipped with Luna cloud platform voice PA system software, is the control center of the PA system.
2. Installed in the main control room, it provides real-time and effective management of the whole PA system.

Features:

- * The industrial-grade cabinet type 1U chassis has a stable structure, excellent electromagnetic interference resistance and radiation resistance, and meets EMC design standards.
- * Industrial-grade dedicated motherboard design, quad core eight threaded ultra-low-power embedded industrial-grade processor, faster processing, more powerful performance, and can work continuously for a long time.
- * Built-in large-capacity 1TB SSD solid state drive.
- * As a core operating platform, the server-level system (Linux system) is open, easy to extend development, upgrade, and has excellent network support, open source, high security, strong compatibility, and protects the system from virus interference and damage.
- * Unified management of all audio terminals in the system, including paging microphones, intercom terminals, broadcast terminals and fire interface devices.
- * Can manage up to 300 terminal devices and support up to 150 groups of differentiated real-time tasks.
- * The system has a robust backup mechanism that allows for switching when the main server fails, so that it can be foolproof.
- * Standard dual network interface, support for exchange expansion mode and redundant backup mode, full-speed connection up to 1000M, support cross-network segment and cross-route mode.
- * Support primary and secondary server mode applications, secondary server as a hosted application, support NTP (time) server calibration time with GPS.

Specification:

Model	T-17800
Motherboard	ASUS H510T motherboard
Hard disk	1TB SSD solid state drive
RAM	4G)
Network card	Dual network card; Realtek RTL8111H, 1000M
CPU	Quad core, eight threads, 3.7GHz
Network protocol	supports IPV6, IPV4 network protocols
System audio signal sensitivity	MIC IN: 280mV
System audio signal SNR	LINE OUT: 85dB
System audio signal standard output level	0dBV
System audio signal distortion	1KHz <0.5%
Input power	DC 19V
Power consumption	150W
MTBF	100,000 hours
Hardware detection	Fault/error/overload and alarm (including disk/RAID/power/fan/temperature/IO performance.)
Working temperature	0°C~40°C
Working environment humidity	20% to 80% relative humidity, no condensation
Size(LxWxH)	492.8×262×44mm
weight	3.2Kg
Standard interface	Built-in 6 USB interfaces, 1 MIC IN interface, 1 LINE OUT interface; 1 HDMI interface, 1 COM interface, 1 VGA output interface
Software system platform	linux