# IP Network Controller

## T-7800H



## Description:

The IP network controller is the operating carrier of the IP PA system server software, and also the control center of the PA system. Installed in the main control room, it conducts real-time and effective management of the entire PA system.

## Features:

* High-strength aluminum alloy panel, metal housing, high-temperature baking paint, simple and elegant appearance.
* Dust-proof air duct design, low noise, fast heat dissipation, and stable operation of the whole machine.
* Pure industrial design, excellent heat dissipation structure, AC100-240V wide voltage input; the cabinet can resist contact 4Kv strong electromagnetic interference,.
* With 2 Xeon E5-2643V2 server processors, multi-core and multi-threaded, fast computing speed.
* The server motherboard comes standard with 2 gigabit network cards (Intel82574 network card chip), 1 independent remote control interface (IPMI), easy to manage and maintain, 6 COM ports (RS-232), 6 USB2.0 ports, independent graphics card, 7.1 channel independent sound card.
* Telescopic keyboard and mouse design, independent graphics card, multiple PCI, PCIE, HDMI+DVI high-definition interface outputs, support Blu-ray HD hard-decoding, support network or local 1080P video.
* It has an interface of short circuit triggering the start-up and operating, which is used to drive the start-up and operating by external equipment at the scheduled time to realize unattended function.
* Support recording storage function; support customizing the save path of the recording file in the background.

## Specifications:

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|---|---|
| Model | T-7800H |
| Screen | 17.3 inches |
| Resolution | 1920(H)×1080(V) |
| Brightness | 300cd/m² |
| Viewing angle | 89/89/89/89 (up/down/left/right) |
| Touch screen | Ten-point industrial standard capacitive touch screen |
| CPU | Intel®Xeon®processorE5-2600, Intel®Xeon®processorE5-2600v2, DualSocketLGA-2011(SocketR3) CPU, standard E5-2643V2×2CPU (CPU clock speed 3.5GHz, six cores and twelve threads) |
| Chipset | C602 |
| BIOS | 16MBSPIAMIBIOS®SMFlashBIOS |
| RAM | 8×DIMM, up to 512GB RECC DDR3/1600MHz, standard 2×16GBRECC DDR3/1600MHz |
| Display | NuvotonBMCVideoController (MatroxG200eW), standard G2101G  independent graphics card |
| Extension slot | 3*PCIE3.0x16, 1*PCIE2.0x4 (inx8), 1*PCIE2.0x1, 1*PCI |
| Network function | 2×10/100/1000Mbps adaptive network port, support remote wake-up |
| Hard Disk Bit | Support 2×2.5" and 2×3.5" hard disk bits, standard 1×128GSSD+1T 3.5-inch enterprise hard disk |
| I/O interface | 1 HDMI and 1 DVI video output port, 2×LAN, support 10/100/1000Mbps (82574), 1×IPMI, 6×COMRS232, 6×USB2.0, 2×audio output interfaces, 1×TRIGGERINPUT |
| Sound card | 7.1 sound card |
| Working temperature | -10℃-60℃, 5%~95% (non-condensing state) |
| Storage temperature | -20℃-70℃, 5%~95% (non-condensing state) |
| Power supply | AC100-220VATX300W |
| ESD | Contact 4kV, air gap 6kV electromagnetic interference |
| Anti-vibration | GB/T2423.10 |
| Housing material | High-strength aluminum alloy panel |
| Installation method | Rack-mount or desktop |
| Software operating platform | ubuntu |
| Size | 484×353.5×339.43mm (W×H×D) |
| Net weight | 19.9kg |
| Gross weight | 22.3kg |