



Video Conferencing Server

TR-H1000W



Description:

Video conferencing server is a high-performance, high-density server system product specially used for video conferencing systems. The server uses the Intel Denlow platform, with LGA1150 CPU. Support the Intel Xeon Processor E3-1200 V3/V4 series, 3 nodes (modules) hot swap, and deploy file services/data backup services, web services, database services, etc.

Specification:

Model	TR-H1000W
System node	3 hot-swap nodes
CPU	Each node comes standard with 1 CPU
Hard disk	Single node supports two 3.5-inch SATA hard drives or 2 2.5inch SSD or 1 3.5 Inch SATA hard disk and one 2.5 Inch SSD combination
RAM	A single node supports up to 64GB VLP ECC DDR3-1600/1333/1066 UDIMM
Input voltage	AC 100V-240V, 47Hz~63Hz
Power supply	The system frame uses 500W gold medal efficiency power supply, support 1+1 redundancy
Size	800mm*448mm*43.5mm (depth*width*height)
Net weight	14Kg
Gross weight	17Kg
Output voltage	+12v,+5v_SB
Operating temperature	10°C~35°C
Storage temperature and humidity	Non-operating temperature: 40 to 70 degrees; non-operating humidity: 20% to 90% (non-condensing)
humidity	humidity: 20% to 90% (non-condensing)
System motherboard:	
Memory slot	Support 4 240 pin DDR3 DIMM slots
Memory support type	Support 32GB VLP ECC DDR3-1600/1333/1066 UDIMM
RAM	Support 128GB VLP ECC DDR3-1600/1333/1066 UDIMM
SATA interface port	Support 2 SATA3.0 6Gb/s ports or 2 SATA2.0 3Gb/s
Hard disk interface characteristics	Intel® RSTe supports software RAID0, 1, 10 & 5
Graphics card	Aspeed AST2400
IPMI	Intelligent platform management interface v.2.0 IPMI virtual media
Network card	Two Intel I210-AT GbE LAN controllers
USB	2 USB2.0 ports, built-in 2 USB2.0 connectors
DOM	Support SATA DOM power connector
System main processing node:	
Main processing server function	Provide hardware support for web server (Nginx) and scripting service (PHP)
CPU	E3-1231 v3 @ 3.40GHz, 8-core
RAM	Standard 16GB ECC memory; support 64GB DDR3 1600/1333MHz ECC DDR3, 4 memory slots
Operating system	Ubuntu 16.04.3 LTS
Web server	nginx/1.10.3
PHP version	7.1.9-1
Storage	120GB SSD
Internet	2 Gigabit Ethernet ports
Concurrency	1500 HTTP requests per second
Database server node:	
Database server function	The database cluster is deployed with independent physical machines to improve system concurrency and throughput
CPU	E3-1231 v3 @ 3.40GHz 8-core
RAM	Standard 16GB ECC memory; maximum support 64GB DDR3 1600/1333MHz ECC DDR3, 4 memory slots
Operating system	Ubuntu 16.04.3 LTS
Database	MYSQL 5.7 version
Storage	120GB SSD solid state drive + 1TB SATA mechanical hard drive
Internet	2 Gigabit Ethernet ports
Data backup node:	
File server + data backup server function	Support regular database backup, file server supports file upload and download
CPU	E3-1231 v3 @ 3.40GHz 8-core
RAM	Standard 16GB ECC memory; support 64GB DDR3 1600/1333MHz ECC DDR3, 4 memory slots
Storage	1TB SATA mechanical hard drive
Operating system	Ubuntu 16.04.3 LTS
Internet	2 Gigabit Ethernet ports
FTP server	vsftpd (3.0.3-3)