



Cloud Conference Management Server

TR-0600W



Description:

The conference management server is a high-performance and high-density micro-blade server specially used for conference systems. The server adopts the Intel Denlow platform and LGA1150 CPU, supports the Intel Xeon Processor E3-1200 V3/V4 series, and 3-node (module) hot swap, and respectively deploys file service/data backup service, web service, database service, etc.

Specification:

Model	TR-0600W
System node	3 hot-swap nodes
CPU	Each node comes standard with 1 CPU
Hard disk	A single node supports two 3.5-inch SATA hard disks or two 2.5-inch SSD hard disks or a combination of one 3.5-inch SATA hard disk and one 2.5-inch SSD hard disk
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 cabinet uses 500W gold medal efficiency power supply and supports 1+1 redundancy power supply
Dimension	800×448×43.5mm (D×W×H)
Net weight	14Kg
Gross weight	17Kg
Output voltage	+12v,+5v_SB
Working temperature	10°C~35°C
Storage temperature and humidity	Non-working temperature: 40 ~ 70°C; Non-working humidity: 20% ~ 90% (no condensation)
System motherboard	
Memory slot qty	Support four 240 pin DDR3 DIMM slots
Memory type	Support max 32GB VLP ECC DDR3-1600/1333/1066 UDIMM
RAM	Support max 128GB VLP ECC DDR3-1600/1333/1066 UDIMM
SATA interface	Support 2 SATA3.0 6Gb/s ports or 2 SATA2.0 3Gb/s
Hard disk interface	Intel® RSTe supports soft 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	Provide hardware support for web server (Nginx) and scripting service (PHP)
CPU	E3-1231 v3 @ 3.40GHz, 8 cores
RAM	Standard 16GB ECC memory; support 64GB DDR3 1600/1333MHz ECC DDR3 maximum, 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 solid state drive
Internet	2 Gigabit Ethernet ports
Concurrency	1500 HTTP requests per second
Database server node	
Database server	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; support 64GB DDR3 1600/1333MHz ECC DDR3 maximum, 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	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 maximum, 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)