



# Content Management System Server

## TR-0700W



### Description:

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

### Specification:

<b>Model</b>	TR-0700W
<b>System node</b>	3 hot plug nodes
<b>CPU</b>	Each node comes standard with 1 CPU
<b>Hard disk</b>	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
<b>RAM</b>	Single node supports up to 64GB VLP ECC DDR3-1600/1333/1066 UDIMM
<b>Input voltage</b>	AC 100V-240V, 47Hz~63Hz
<b>Power supply</b>	The system cabinet uses 500W gold medal efficiency power supply and supports 1+1 redundant power supply
<b>Dimension</b>	800mm*448mm*43.5mm (D*W*H)
<b>Net weight</b>	14Kg
<b>Gross weight</b>	17Kg
<b>Output voltage</b>	+12v,+5v_SB
<b>Operating temperature</b>	10°C~35°C
<b>Storage temperature and humidity</b>	Non-operating temperature: 40 ~ 70 ; Non-operating humidity: 20% ~ 90% (no condensation)
<b>System motherboard</b>	
<b>Memory slot qty</b>	Support 4*240 pin DDR3 DIMM slots
<b>Memory type</b>	Support maximum 32GB VLP ECC DDR3-1600/1333/1066 UDIMM
<b>RAM</b>	Support maximum 128GB VLP ECC DDR3-1600/1333/1066 UDIMM
<b>SATA interface</b>	Support 2*SATA3.0 6Gb/s ports or 2*SATA2.0 3Gb/s ports
<b>Hard disk interface</b>	Intel® RSTe supports soft RAID0, 1, 10 & 5
<b>Graphics card</b>	Aspeed AST2400
<b>IPMI</b>	Intelligent platform management interface v.2.0 IPMI virtual media
<b>Network card</b>	Two Intel I210-AT GbE LAN controllers
<b>USB</b>	2 USB2.0 ports, built-in 2 USB2.0 connectors
<b>DOM</b>	Support SATA DOM power connector
<b>System main processing node</b>	
<b>Server function</b>	Provide hardware support for Web server (Nginx) and scripting service (PHP)
<b>CPU</b>	E3-1231 v3 @ 3.40GHz, 8 cores
<b>RAM</b>	Standard 16GB ECC memory; support maximum 64GB DDR3 1600/1333MHz ECC DDR3, 4 memory slots
<b>Operating system</b>	Ubuntu 16.04.3 LTS
<b>Web server</b>	nginx/1.10.3
<b>PHP version</b>	7.1.9-1
<b>Storage</b>	120GB SSD
<b>Internet</b>	2 Gigabit Ethernet ports
<b>Concurrency</b>	1500 HTTP requests per second
<b>Database server node</b>	
<b>Server function</b>	The database clusters is deployed with independent physical machines to improve system concurrency and throughput
<b>CPU</b>	E3-1231 v3 @ 3.40GHz 8 cores
<b>RAM</b>	Standard 16GB ECC memory; support maximum 64GB DDR3 1600/1333MHz ECC DDR3, 4 memory slots
<b>Operating system</b>	Ubuntu 16.04.3 LTS
<b>Database</b>	MYSQL 5.7 version
<b>Storage</b>	120GB SSD + 1TB SATA mechanical hard disk
<b>Internet</b>	2 Gigabit Ethernet ports
<b>Data backup node</b>	
<b>Server function</b>	Support regular database backup, file server supports file upload and download
<b>CPU</b>	E3-1231 v3 @ 3.40GHz 8 cores
<b>RAM</b>	Standard 16GB ECC memory; support maximum 64GB DDR3 1600/1333MHz ECC DDR3, 4 memory slots
<b>Storage</b>	1TB SATA mechanical hard disk
<b>Operating system</b>	Ubuntu 16.04.3 LTS
<b>Internet</b>	2 Gigabit Ethernet ports
<b>FTP server</b>	vsftpd (3.0.3-3)