

SR109

Dual P3 SCSI Platform



Target Applications:

- High performance graphic server
- High end database applications
- High availability web hosting
- Enterprise e-mail server
- Multi-server applications

Features & Benefits:

- Precision 1U chassis
- ServerWork HE-SL Chipset
- Integrated 4MB 3D video controller
- Dual 10/100 Ethernet ports
- Hardware monitoring
- Ultra 160 Hot-Swap SCSI Drive Bays

SR109 is a high performance enterprise-class server. With its SCSI Hot-Swap feature, it gives user the flexibility, reliability, speed and versatility they need for their performance critical software.

Application Support

SR109 is designed for enterprise and corporate application needs, such as SAP, Oracle, Lotus Notes, Microsoft SQL and other software that require high-power hardware requirement. With SR109's integrated ATI-RAGE XL 3D graphic controller and the Dual P3 SCSI design, this make the SR109 also a great graphic / video related server.

Designed for Expandability and Manageability

The SR109 supports up to 4GB of on-board ECC and registered RAM, allowing user to add memory as needed to support memory-intensive processes, such as database connection pooling. SR109 also feature Hardware Monitor capability, this give user the ability to monitor Fan Speed, System Temperature, CPU temperature and CPU VID voltage. Dual 10/100 LAN ports gives the user added assurances in case of network failure. The SR109 supports easy expansion of hardware capabilities, allowing your server infrastructure to grow without incurring unnecessary costs. Its expandable RAM, processor and storage capacity; this makes the SR109 a great value for any business environment.



SR109 TECHNICAL SPECIFICATION:

PROCESSOR

2 x FC-PGA 370 sockets support:

- Pentium III Coppermine up to 1GHz/256K L2 Cache.
- Pentium III Tualatin 1.13GHz/512K L2 Cache, 1.26 GHz/512K L2 Cache, and 1.4GHz/512K L2 Cache.
- 133 MHz system bus
(Note: Intel Tualatin 1.13GHz/256K and 1.2GHz/256K are for Single Processor systems only)

MEMORY

- Four 168-pin slanted DIMM sockets
- Up to 4GB of PC-133 Registered/ECC SDRAM DIMM memory (Qualified brands and models
Kingston: KVR133X72RC3/1024A, or KVR133X72RC3/1024I,
Transcend: 1G-168P-DIMM:D8, or 1G-168P-DIMM:YL)

STORAGE

Embedded Adaptec 7892B

- One internal Ultra 160 SCSI port (connected to internal backplane)
- SCA backplane for signal, power distribution & SCSI bus termination
- 3 x hot-swap drive bays
- LED drive activity & status indicators for each drive bay
- Slim-floppy disk drive & 24 x IDE Slim CD-ROM drive

PCI SLOTS

- 2 x 64 bit/66 MHZ PCI slots on riser

EXTERNAL I/O PORTS

(all connectors on rear panel unless noted otherwise)

- 1 x graphics port, embedded ATI RAGE-XL video graphics accelerator, 8MB SDRAM frame buffer

- Dual Intel 82559 10/100 fast Ethernet ports. Each port comes with
 - Teaming for Load-Balancing and/or Fault-Tolerance.
 - Wake On LAN (WOL) power on functionality
 - Front panel status, speed & activity LED indicators
- 1 x 16550 COM port
- 1 x PS/2 keyboard (short circuit protection)
- 1 x PS/2 mouse
- 1 x USB port

AUTO-DETECT & REPORT SYSTEM HEALTH STATUS

- CPU/System fan speed detect
- CPU/System temperature detect
- CPU overheat shutdown detect BIOS
- Auto detect CPU voltage
- System temperature

CHASSIS

- Industry standard 1U rack mount chassis
- Size: 1.67"H x 16.73"W x 24.5"D without shipping box
8.0"H x 22.0"W x 30.0"D with shipping box

COOLING SYSTEM

- 2 x 97mm Blower & 1 x 40mm Fan

POWER SUPPLY

- 200W power supply
- Line voltage 100V~240V 50-60Hz

TEMPERATURE

- Operating 5° to 35° C
- Non-operation -- 40° to 70° C
- Relative Humidity 95% non-condensing at 30° C

AGENCY COMPLIANCE

UL (Canadian and US listed), CE and FCC for home and office usage

SUPPORTED OS

- Redhat Linux 7.2/7.3/8.0
- Microsoft Windows 2000 / XP

OPTIONAL ITEMS

- Dual Port 10/100 Server NIC base on the Intel 82559 chipset
- Mylex AcceleRAID 170 & 352 RAID Controller.
A-170 is single channel Ultra-160, and A-352 is dual channels Ultra-160 SCSI RAID controller.