

# Rackmount Server Platform

Our chassis are designed for multiple applications, ranging from networking, communications, server appliances and many more.

## MR20861R

**2U Rackmount Single Xeon CPU  
Server with six hot-swap RAID  
Level 0,1,5 IDE HDD Bays**



### Features

- 2U Rackmount High End Server
- Single Xeon Prestonia CPU
- ServerWorks GCSL chipset
- Up to 4GB DDR Memory
- Six IDE hot-swap HDD
- PCI IDE RAID Level 0,1,5 dual channels controller
- ATI RageXL VGA controller
- Intel Server Management
- Two 10/100/1000Mbps LAN
- Two PCI 64bit Expansion Slots
- Slim CD-ROM, FDD
- 300W Redundant Power Supply



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## MR2086IR

### Specifications

#### Processor

- Single Xeon processor with 512KB of integrated L2 cache and 400MHz system bus
- Cooper CPU cooler

#### System Memory

- Four DIMM slots for up to 4GB PC2100 DDR memory
- Supported PC2100 registered DDR DIMM with ECC, 184-pin DIMMs
- 128MB, 256MB, 512MB, 1GB DIMM size

#### Chipset

- ServerWorks GCSL, CSB5, CIOB-X2

#### System BIOS

- PHOENIX BIOS on 4MB flash
- Legacy USB support
- Jumper-less setting for Vcore and CPU host bus frequency setting table

#### Integrated Graphics

- ATI RageXL video controller with 8MB memory of video memory

#### Integrated LAN

- Dual 10/100/1000Base-T connection with Broadcom 5702 controller (32bit/66MHz)

#### IDE RAID Subsystem

- PCI IDE RAID Level 0, 1, 5 dual channel controller
- Six hot-swap drive bays supporting one-inch-high IDE hard drives
- Auto Rebuilding
- Front panel operation indicators

#### Integrated Multi I/O

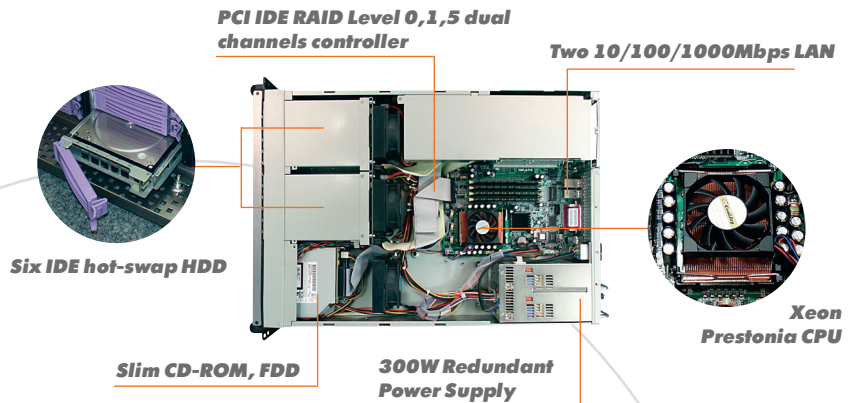
- National Semiconductor super I/O
- One serial ports with UART 16550
- One parallel port with ECP/EPP support
- Two USB connectors
- PS/2 mouse and keyboard connectors with Wake-Up function

#### Enhanced ACPI

- Fully implements the ACPI standard for Microsoft Windows 2000/Windows XP compatibility

#### Wake-On-Lan

- Support Wake-On-Lan activity with onboard network card that contain WOL



#### VRM Support

- Support VRM 9.1 specification

#### Hardware Monitoring

- Winbond 83910F BMC chipset
- Hardware monitor of CPU Thermal Protection, CPU/System Fan monitor, Voltage Report

#### On board IPMI

- One IPMI (Intel Server Management) connector ready

#### Expansion Slot

- Two 64bit/66MHz PCI full size slots

#### CD-ROM

- Slim CD-ROM or DVD-ROM (option)

#### Front Panel Switches and LED indicators

- Power on/off momentary switch
- Reset momentary switch
- Power on LED (Green)
- Power Failure LED (Red)
- LAN LED x 2 (Yellow)
- Temperature warning LED (Red)
- FAN failure LED (Red)
- Buzzer off momentary switch

#### Rear Panel Connectors

- Keyboard, mouse, 2xUSB, COM1, parallel port, VGA, 2xLAN

#### Cooling System

- Three 80mm x 80mm fans for systems, drives and CPU
- Two 50mm x 50mm fan in redundant power supply

#### Power Supply

- 300W Redundant Power Supply

#### Chassis

- Aluminum chassis with black front panel and door

#### Hot-Swap Drive Bays

- Six drive bays supporting one-inch-high IDE hard drives

#### Dimension

- 615mm(D) x 482.6mm(W) x 86mm(H)

#### Supported Operating Systems

- Microsoft Windows 2000, Windows XP

### Order Information

#### MR2086IR

2U Rackmount Server, Xeon Prestonia CPU, up to 4GB RAM, VGA, 2x10/100/1000Mbps LAN, 6xIDE HotSwap Drive Bays, PCI IDE RAID Level 0/1/5 controller, 2xPCI Slots, 300W Redundant Power Supply

#### Options

- Slim DVD-ROM
- SR-24 24" Slide Rails for Rack Mounting

Specifications are subject to change without notice.

Enjoy ordering On-Line!

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