

# SDVIC

**Dual PIII Ultra Bandwidth PC 2100 DDR System**



**VIA Pro 266 (VT8633 and VT8233) chipset**

**Dual PIII/Single Celeron FC-PGA Socket-370 solution at 66Mhz/100Mhz/133Mhz FSB**

**PC266/200 DDR memory with ECC support and memory space up to 4 GB DDR memory**

**Support AGP 4X modes**

**Onboard IDE and RAID with Ultra DMA 100/66/33 Support**

**IDE RAID with RAID level 0, 1 and 10 (AMI MG80649)**

**10/100 BaseT LAN on board**

**Support Hardware Monitor**

**Rioworks™ SmartWatch™ Server Management**

**SDVIC**, a dual socket-370 motherboard. Support dual Pentium III Coppermine (FC-PGA) for providing the powerful platform to satisfy today's needs on highly integrated workstation or sub-entry's server. With the latest AGP slot, users can enjoy the most advanced/high-end graphic cards with ease. The IDE RAID chip onboard will boost up the data transfer rate (RAID level 0) or protect the disk data by replication (RAID level 1) without putting the strain on CPU, comparing to the software-based RAID. Further more, the most up-to-date technology of ATA/100 will also enhance the data transfer rate up to 100MB/s. To sum up, SDVIC delivers high performance and true workstation/server functionality at affordable price range.

For more information, please visit us at  
**[www.rioworks.com](http://www.rioworks.com)**

# Features / Benefits

## Dual Pentium III/Single Celeron FC-PGA Solution

SDVIC supports dual Pentium III FC-PGA Coppermine processors at 133/100 MHz Front Side Bus(FSB) or Celeron Coppermine processor at 100/66Mhz (FSB).

## PC 266/200 Memory Solution

These four DIMM slots bring the customer best investment interest with the latest DDR (Double Data Rate) technology. SDVIC can support high performance PC266/200 DDR memory and maximum 4GB memory size to maximize the system performance.

## AGP Slot

SDVIC provides an AGP connector, which supports advanced 3D graphic cards and satisfies the demands of the latest graphic markets.

## IDE RAID with ATA/100 Compatible

The AMI's IDE RAID controller supports IDE transfer rate up to 100 MB/s per channel and RAID level 0 (Stripping), 1 (Mirroring) and RAID 10 (Stripping+Mirroring). The hardware RAID controller will not perform the RAID functions at the cost of sharing the CPU bandwidth, comparing to software RAID, and be capable of booting from RAID Configured Array. It has two channels and can connect up to four HDs.

## PC'99 Compliant Color-Coding I/O Connectors

This colored Keyboard (PS/2)/ Mouse (PS/2)/Serial/ Parallel/USB connectors will make your system installation and maintenance with less fuss.

## Hardware Monitor and System Management

Integrated hardware monitoring of fans, temperature/thermal, voltage and chassis intrusion, Rioworks™ SmartWatch™ will notify the critical status of system event to prevent from the system data loss.

# Specification

## Processor

Dual socket 370 solution  
Dual Intel Pentium III Coppermine at 133/100Mhz FSB/Single Intel Celeron FC-PGA at 133/100/66Mhz FSB  
Integrated VRM complies to spec 8.4

## Chipset

VIA Pro266 Chipset (VT8633& VT8233)

## System BIOS

Award BIOS on 2Mb flash  
S3, Suspend to memory  
I2O, Suspend  
Legacy USB support  
MP 1.1 & 1.4 compliant  
SMBIOS 2.3 compliant  
DMI 2.0 compliant  
Wire for Management 2.0/Wake On LAN  
APM 1.2/ACP 1.0  
LS-120, Iomega zip support  
MO, DVD and CD-ROM support  
Advanced IDE (supports bigger than 8GB HDD with S.M.A.R.T) features  
Soft Power-down  
Secure Boot  
Multiple boot support  
Y2K compliant/PC99 compliant  
Auto reset after overclocking

## System I/O-bus

133/100/66 MHz FSB  
Support overclocking 150FSB or higher  
AGP Slot  
133/100MHz system memory bus  
Ultra DMA 33/66/100 EIDE

## System Memory

Four DIMM slots up to 4GB DDR ECC system memory  
Advanced ECC memory controller supporting DDR

## Onboard IDE RAID

Two channels and up to four drives  
ATA/100 Compatible  
RAID Level 0, 1, 10

## Onboard LAN Chip

Embedded 10/100 Ethernet

## Onboard Multi I/O

Two 9-Pin Serial Ports with UART  
One parallel port with ECP/EPP Support  
Dual onboard USB external connectors plus four internal USB headers  
PS/2 Keyboard and mouse connectors with wake-up function  
One LAN port

## Expansion Slots

5x PCI, 1x AGP

## Board Size

ATX form factor with size: 30.5x24.4cm

---

The specification is subject to change without notice.

The brand and product name are trademarks of their respective companies.