



# M581<sub>MR</sub> SPECIFICATION

The advanced features of the **SiS 540** System Board include :

- Supports 90~533MHz Pentium CPUs at 66/75/83/95/97/100MHz external clock speed in Socket 7 for **MicroATX Form Factor**
- Supports Intel P54C/P55C, Cyrix/IBM 6x86/6x86L/6x86MX/MII, IDT C6 and AMD K5/K6/**K6-2/K6-III** CPUs installation and auto CPU core voltages switching from **2.0V** to 3.5V
- 1MB Pipeline Burst Synchronous L2 cache on board; provides 2 DIMMs for **PC133 SDRAM** memory modules and is expandable up to **1GB**
- Highest Performance, **128-bit 3D AGP** Graphics Accelerator with **64MB(MAX.)** frame buffer embedded in North bridge, up to **1920x1200 16M resolution**; AGP Rev. 2.0 Spec. Compliant
- Provides an **A-DIMM** slot, supports the **Display Cache** card or the Video Bridge add-on-card for **NTSC/PAL TV Output, Digital LCD Monitor** or **Secondary CRT Monitor** (optional)
- 3D PCI Sound Pro on board, meets PC98 Spec., **HRTF Positional Audio** supports Microsoft Direct Sound 3D and **Aureal's A3D** compatible interface, with 4 channel speaker out; Software Wave-table Synthesizer and Digital Audio Interface(**SDPIF**) In/Out with 24-bit, **48KHz** sample rate and measured **120db** audio quality
- **56K Fax/Modem** on board, supports **V.90 Fax/Modem** standard for internet communication
- **2MB** Flash ROM on board, provides complete Advance Configuration Power Interface (**ACPI**) and Legacy PMU; **Ultra DMA 66**; fully compliant with PC'97 and PC98 Spec
- Provides ATX power connector supports various functions of ATX Power such as Suspend, Shutdown, Wake on LAN, Wake on Modem, Wake on Alarm, Interrupt Wake-Up from Keyboard/Mouse, and **Keyboard Power On/Off**
- Built-in **Hardware Monitor** circuit supports Thermal, Power and Fan Speed monitor; supports Intel LANdesk Client Manager (LDCM) (optional)
- Supports **PC99 Color Connector** for easy identification of peripheral devices
- Supports AUX IN and **SPDIF** IN/OUT interface through RCA Connector or Optic Fiber with **Optic Module** optional)
- Optional extended USB card for extra USB ports connection
- Bundled **Corel WordPerfect Suite 8**; take advantage of leading-edge collaboration and business tools (optional)
- Bundled Yamaha **S-YXG50 Software Synthesizer**, to play back MIDI files
- Bundled **Gamut** includes **MP3 Encoder/Decoder**, for professional audio applications
- Bundled **Super Voice** for Fax/Modem and Voice applications; **MediaRing Talk** for Internet Phone communication
- Provides Trend Micro's **ChipAwayVirus** and **PC-Cillin 98(OEM)** for Windows 95/98 and internet virus protection