M581_{LMR}

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 From 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)

- 10/100Mbps Fast Ethernet LAN on board, supports IEEE 802.3 and 802.3u standards, and fully compliant ANSI X3.263 TP-PMD physical sub-layer (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) (optional) 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)

- Provides Trend Micro's ChipAwayVirus and PC-Cillin 98(OEM) for Windows 95/98 and internet virus protection

- **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**