

Chapter 1 **MicroATX SiS 620 Main Board Specification**

Processor:

Supports Intel Celeron PPGA CPU family (300-500MHz or up)
Intel Socket 370 CPU

Chipset

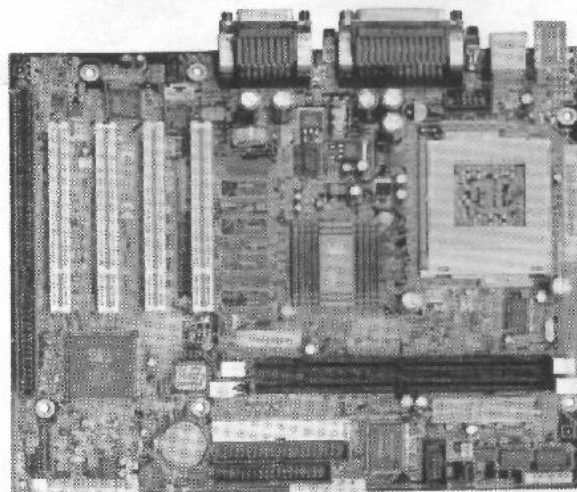
SiS 620/5595 AGP/PCI/ISA Chipset, supports 66/100MHz FSB

System Memory

2 X 168 Pin DIMM, supports up to 2 x 256MB (Total 512MB)
66MHz/100MHz SDRAM

On board IDE

2 Bus master IDE ports support up to 4 IDE Devices.
Support PIO mode 1-4, up to 16.66MB/sec Max.
Support Ultra DMA modes up to 33/66MB/s max. transfer rate



Expansion Slots

1X ISA (Share with PCI)
4 X 32 bit Bus Master PCI Slots (Include 1 Shared)

On board I/O

1 FDD port (720K/1.2M/1.44M/2.88M format)
2 Serial Ports (UART 16C550 Support, the second port is optional)
1 Parallel Port (SPP/EPP/ECP modes)
2 USB ports
PS/2 Mouse and PS/2 Keyboard connectors
1 VGA port,
MIC, Line-IN, Line-Out, MIDI port

Integrated VGA

Integrated H/W 2D/3D AGP Graphics Controller (2X Mode)
Share Frame Buffer Architecture up to 8MB system memory

Integrated Sound

ESS Solo-1 PCI 3D Audio chip

BIOS

Award BIOS 2M Flash ROM, with Green, Plug and Play

Form factor

MicroATX, size: 9.9" X 8.3"

Additional Features:

Modem Ring up function
Wake On LAN header
RTC Alarm Power On function
Front Side USB Header (Optional)

Chapter 2 Table of Jumper Setting

| | |
|-----|-----------------------------|
| JP1 | HOST/SDRAM Speed Selection |
| JP2 | |
| JP4 | |
| JP5 | |
| JP3 | On Board VGA enable/disable |
| JP6 | CMOS CLR/Normal |
| JP7 | N/A |
| JP8 | Front USB selection |
| JP9 | CPU Ratio Selection |

Table of Connectors

| | | | |
|-----|------------------------------|-----|-----------------------------|
| J1 | VGA Connector | J14 | PCI 3 Slot |
| J2 | PS/2 Keyboard and PS/2 Mouse | J15 | PCI 2 Slot |
| J3 | COM 1 Port | J16 | PCI 1 Slot |
| J4 | USB1/ USB2 Ports | J17 | RING IN |
| J5 | CD-IN | J18 | CPU FAN |
| J6 | Audio MIDI/Game port | J19 | ATX POWER Connector |
| J7 | Audio MIC, Line-IN, Line-Out | J20 | Panel Connectors |
| J8 | Parallel Port | J21 | SEC-IDE |
| J9 | AUX-IN | J22 | PRI-IDE |
| J10 | COM2 Connector (Optional) | J23 | PWD Speaker (N/A) |
| J11 | MODEM-IN | J24 | FDD Connector |
| J12 | Wake On LAN | J25 | Front USB Header (optional) |
| J13 | PCI 4 Slot | J26 | ISA Slot |

JP9 CPU Ratio Selection

| Celeron CPU Sppeed/ Bus Clock MHz | CPU Ratio | 1-2 | 3-4 | 5-6 | 7-8 |
|--------------------------------------|-----------|-------|-------|-------|-------|
| | X 3 | Close | Close | Close | Open |
| | X 3.5 | Close | Close | Open | Open |
| | X4 | Close | Open | Close | Close |
| 300 / 66 | X 4.5 | Close | Open | Open | Close |
| 333 /66 | X 5 | Close | Open | Close | Open |
| 366 /66 | X 5.5 | Close | Open | Open | Open |
| 400 /66 | X 6 | Open | Close | Close | Close |
| 433 /66 | X 6.5 | Open | Close | Open | Close |
| 466/66 | X 7 | Open | Close | Close | Open |
| 500 /66 | X 7.5 | Open | Close | Open | Open |
| | X 8 | Open | Open | Close | Close |

JP1,2,4,5 HOST/SDRAM Speed Selection:

| | HOST/SDRAM Speed (MHz) | | | |
|-----|------------------------|---------|---------|--------|
| | 66/66 | 66/100* | 100/100 | 100/66 |
| JP1 | Close | Open | Close | Open |
| JP2 | Close | Close | Close | Open |
| JP4 | Close | Close | Open | Close |
| JP5 | Close | Close | Open | Close |

JP3 Onboard VGA Enable/Disable

- JP3 1-2 Disable On board VGA
2-3 Enable On board VGA (Default)

JP6 CMOS CLR/NORMAL

- JP6 1-2 Clear CMOS
2-3 Normal

JP8 Front/Back USB selection

- JP8 1-2 Front USB (Needs a optional USB cable to connect to Front Panel)
2-3 Default (USB Ports already Available on Rear panel)

J20 Front Panel Connection

- 1/3 HDD LED 2/4 Green/Yellow (Power LED)
5/7 RESET 6/8 Power Switch
10/12 Sleep

Speaker Connector not available , the Main board has Speaker Buzzer built-in Board