

## Note to Users

This User's Guide & Technical Reference are for assisting system manufacturers and end users in setting up and installing the motherboard. Every effort has been made to ensure that the information in this manual is accurate. **Champion-First** Electronics Limited is not responsible for printing or clerical errors. Information in this document is subject to change without notice and does not represent a commitment on the part of **Champion-First**. For previous or updated manuals, BIOS, drivers, or product release information, please contact **Champion-First** Electronics Limited at <http://www.champion-first.com> or through any of the means indicated on the following pages.

Companies and products mentioned in this manual are for identification purposes only. Product names appearing in this manual may or may not be registered trademarks or copyrights of their respective owners.

WebSite: <http://www.champion-first.com>  
Email: [info@champion-first.com](mailto:info@champion-first.com)  
Product Name: GC-318B  
Version: 1.00  
Edition: April, 2001

## Table of Contents

<b>Chapter 1 Introduction .....</b>	<b>3</b>
1.1 Product Features .....	3
1.2 Features Summary .....	3
<b>Chapter 2 Installation .....</b>	<b>4</b>
2.1 Installation Instructions .....	4
2.2 Motherboard Layout .....	5
2.3 Jumper Setting .....	6
2.4 Function & Installation Instructions .....	9
2.4.1 AT Power Supply Connector .....	9
2.4.2 ATX Power Supply Connector .....	9
2.4.3 AT Keyboard Connector .....	10
2.4.4 Serial(COM1/COM2) Port Connector .....	10
2.4.5 USB Connector .....	10
2.4.6 PS/2 Mouse Connector .....	10
2.4.7 Infra-Red Connector .....	10
2.4.8 Reset Switch .....	10
2.4.9 HDD Led .....	10
2.4.10 Speaker Connector .....	10
2.4.11 Keyboard Lock Switch .....	10
2.4.12 Parallel Port Connector .....	11
2.4.13 SDRAM Sockets .....	11
2.4.14 PCI Slot .....	12
2.4.15 ISA Slot .....	12
2.4.16 Floppy Drive Connector .....	12
2.4.18 BIOS .....	12
2.4.19 ZIF CPU Socket .....	13
2.4.20 CPU Fan Connector .....	13
<b>Chapter 3 Software Installation .....</b>	<b>14</b>
<b>Chapter 4 AMI BIOS Setup .....</b>	<b>15</b>
4.1 Standard CMOS Setup .....	17
4.2 Advanced CMOS Setup .....	19
4.3 Advanced Chipset Setup .....	19
4.4 Power Management Setup .....	19
4.5 PCI/PnP Setup .....	19
4.6 CPU Configuration Setup .....	19
4.7 Save Settings and Exit .....	19
4.8 Exit Without Saving .....	19

# **Chapter 1**

## **Introduction**

### **1.1 Product Features**

The Intel 430VX highest performance motherboard is based on the all new Intel 430VX chipset with Baby AT form factor to support the latest Socket 7 including Intel Pentium, AMD K5 / K6 as well as Cyrix 6x86 / 6x86MX processors.

### **1.2 Features Summary**

This Motherboard comes with following features:

- ★ Support Intel Pentium / Pentium with MMX technology, Cyrix 6x86/6x86MX, AMD K5/K6 using Socket 7
- ★ Intel 430VX Chipset
- ★ Two DIMM slots Supporting up to 64MB Memory Capacity
- ★ Support 3.3V EDO and SDRAM DIMM
- ★ 3 x PCI slots, 2 x ISA slots
- ★ 2 x USB ports, 1 x PS/2 mouse port, 1 x PS/2 Keyboard port, 1 x IrDA port
- ★ 1 x FDD port, 1 x LPT port, 2 x COM ports
- ★ Dual IDE Channels Supporting Four Ultra-DMA33 IDE Devices
- ★ Advanced Configuration Power Interface (ACPI) Ready.
- ★ 1MB BIOS, PC99/ACPI/DMI Compliant
- ★ AT/ATX Power Supply Interface
- ★ Baby AT format, 220mm x 173mm PCB

## ***Chapter 2***

### ***Installation***

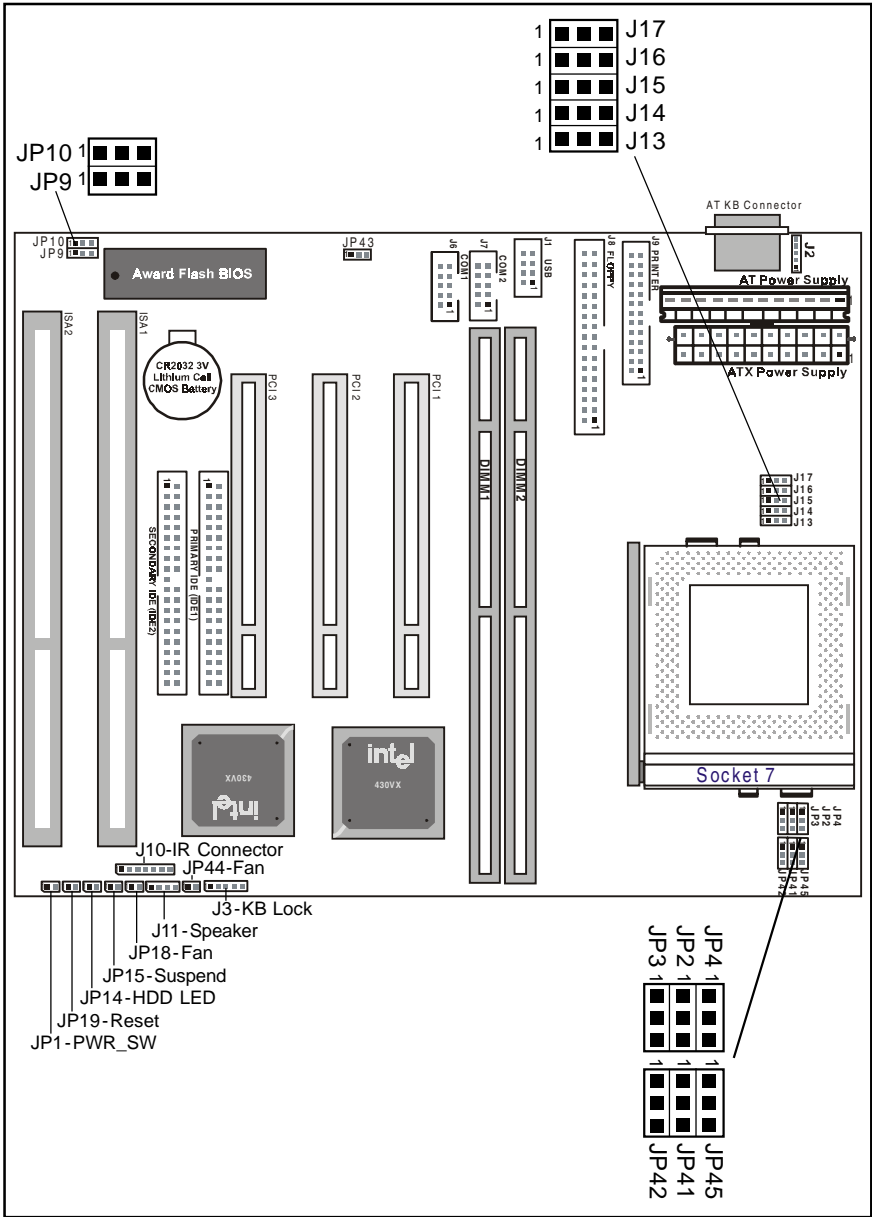
#### **2.1 Installation Instructions**

This section covers External Connectors and Memory Configuration. Please refer to the motherboard layout chart for external connectors, slots and I/O ports. Furthermore, this section lists all necessary connector pin assignments for your reference. The locations of the connectors and ports are illustrated in the following figures. Before inserting these connectors, please pay attention to the orientations.

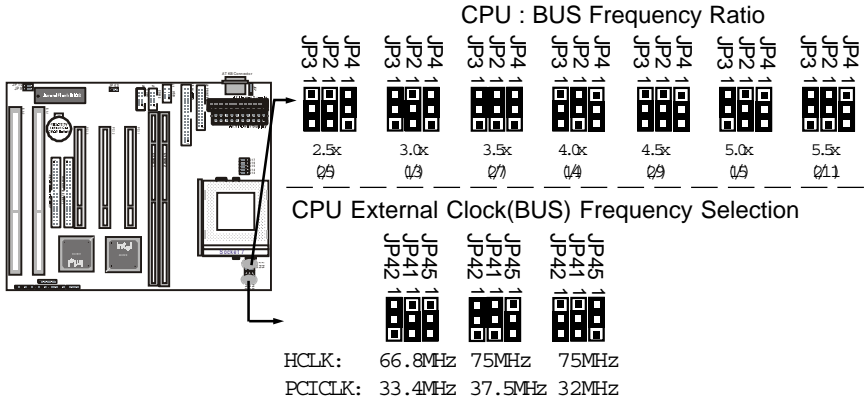
**NOTICE !!!**

1. Make sure to unplug your power supply while adding or removing system components
2. Always work on an antistatic surface to avoid possible damage to the motherboard or other components from static discharge.

## 2.2 Motherboard Layout



## 2.3 Jumper Setting



### CPU Type selection:

CPU Type & Speed	Ratio	Bus Freq.			Ratio Jumper			
		JP42	JP41	JP45	JP3	JP2	JP4	
Intel Pentium-233	3.5x	66MHz	[1-2]	[2-3]	[2-3]	[1-2]	[1-2]	[1-2]
Intel Pentium-200	3.0x	66MHz	[1-2]	[2-3]	[2-3]	[1-2]	[2-3]	[1-2]
Intel Pentium-166	2.5x	66MHz	[1-2]	[2-3]	[2-3]	[2-3]	[2-3]	[1-2]
Cyrix 6x86MX-PR200GP 166MHz	2.5x	66MHz	[1-2]	[2-3]	[2-3]	[2-3]	[2-3]	[1-2]
Cyrix 6x86MX-PR166GP 150MHz	2.5x	66MHz	[1-2]	[2-3]	[2-3]	[2-3]	[2-3]	[1-2]
AMD-K6-PR2-233	3.5X	66MHz	[1-2]	[2-3]	[2-3]	[1-2]	[1-2]	[1-2]
AMD-K6-PR2-200	3.0X	66MHz	[1-2]	[2-3]	[2-3]	[1-2]	[2-3]	[1-2]
AMD-K6-PR2-166	2.5X	66MHz	[1-2]	[2-3]	[2-3]	[2-3]	[2-3]	[1-2]
AMD-K5-PR200	3.0X	66MHz	[1-2]	[2-3]	[2-3]	[1-2]	[2-3]	[1-2]
AMD-K5-PR166	2.5X	66MHz	[1-2]	[2-3]	[2-3]	[2-3]	[2-3]	[1-2]

Remark:  Open  Close

## CPU Type selection:

CPU Type & Speed	Ratio	Bus Freq.			Ratio Jumper			
			JP42	JP41	JP45	JP3	JP2	JP4
Intel Pentium-233MMX	3.5x	66MHz	[1-2]	[2-3]	[2-3]	[1-2]	[1-2]	[1-2]
Intel Pentium-200MMX	3.0x	66MHz	[1-2]	[2-3]	[2-3]	[1-2]	[2-3]	[1-2]
Intel Pentium-166MMX	2.5x	66MHz	[1-2]	[2-3]	[2-3]	[2-3]	[2-3]	[1-2]
Intel Pentium-200	3.0x	66MHz	[1-2]	[2-3]	[2-3]	[1-2]	[2-3]	[1-2]
Intel Pentium-166	2.5x	66MHz	[1-2]	[2-3]	[2-3]	[2-3]	[2-3]	[1-2]
AMD-K6-III/550	5.5X	100MHz	[1-2]	[1-2]	[1-2]	[1-2]	[1-2]	[2-3]
AMD-K6-III/500	5.0X	100MHz	[1-2]	[1-2]	[1-2]	[1-2]	[2-3]	[2-3]
AMD-K6-III/450	4.5X	100MHz	[1-2]	[1-2]	[1-2]	[2-3]	[2-3]	[2-3]
AMD-K6-III/400	4.0X	100MHz	[1-2]	[1-2]	[1-2]	[2-3]	[1-2]	[2-3]
AMD-K6-2/550	5.5X	100MHz	[1-2]	[1-2]	[1-2]	[1-2]	[1-2]	[2-3]
AMD-K6-2/500	5.0X	100MHz	[1-2]	[1-2]	[1-2]	[1-2]	[2-3]	[2-3]
AMD-K6-2/450	4.5X	100MHz	[1-2]	[1-2]	[1-2]	[2-3]	[2-3]	[2-3]
AMD-K6-PR2-233	3.5X	66MHz	[1-2]	[2-3]	[2-3]	[1-2]	[1-2]	[1-2]
AMD-K6-PR2-200	3.0X	66MHz	[1-2]	[2-3]	[2-3]	[1-2]	[2-3]	[1-2]
AMD-K6-PR2-166	2.5X	66MHz	[1-2]	[2-3]	[2-3]	[2-3]	[2-3]	[1-2]
AMD-K5-PR200	3.0X	66MHz	[1-2]	[2-3]	[2-3]	[1-2]	[2-3]	[1-2]
AMD-K5-PR166	2.5X	66MHz	[1-2]	[2-3]	[2-3]	[2-3]	[2-3]	[1-2]
IBM/Cyrix M II-PR366	2.5x	100MHz	[1-2]	[1-2]	[1-2]	[2-3]	[2-3]	[1-2]
IBM/Cyrix M II-PR333	3.0x	83MHz	[1-2]	[2-3]	[2-3]	[1-2]	[2-3]	[1-2]
IBM/Cyrix M II-PR300	3.0x	75MHz	[1-2]	[1-2]	[2-3]	[1-2]	[2-3]	[1-2]
IBM/Cyrix M II-PR300	3.5x	66MHz	[1-2]	[2-3]	[2-3]	[1-2]	[1-2]	[1-2]
IBM/Cyrix 6x86MX-PR233	3.0x	66MHz	[1-2]	[2-3]	[2-3]	[1-2]	[2-3]	[1-2]
IBM/Cyrix 6x86MX-PR200	2.5x	66MHz	[1-2]	[2-3]	[2-3]	[2-3]	[2-3]	[1-2]
Cyrix 6x86MX-PR166GP 150MHz	2.5x	66MHz	[1-2]	[2-3]	[2-3]	[2-3]	[2-3]	[1-2]

## Remarks:

- 83MHz & 100MHz Bus Frequency is **NOT** supported

# GC-318B Motherboard

---

## CPU Type selection:

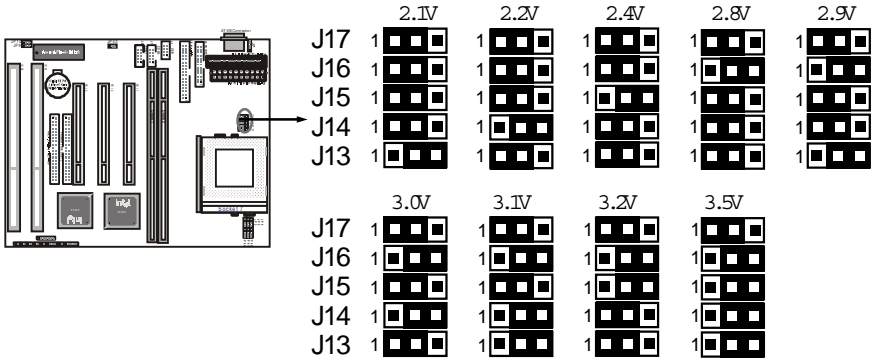
CPU Type & Speed	Ratio	Bus Freq.			Ratio Jumper			
			JP42	JP41	JP45	JP3	JP2	JP4
AMD-K6-III/550	5.5x	66MHz	[1-2]	[2-3]	[2-3]	[1-2]	[1-2]	[2-3]
AMD-K6-III/500	5.0x	66MHz	[1-2]	[2-3]	[2-3]	[1-2]	[2-3]	[2-3]
AMD-K6-III/450	4.5x	66MHz	[1-2]	[2-3]	[2-3]	[2-3]	[2-3]	[2-3]
AMD-K6-III/400	4.0x	66MHz	[1-2]	[2-3]	[2-3]	[2-3]	[1-2]	[2-3]
AMD-K6-III/550	5.5X	75MHz	[1-2]	[1-2]	[2-3]	[1-2]	[1-2]	[2-3]
AMD-K6-III/500	5.0X	75MHz	[1-2]	[1-2]	[2-3]	[1-2]	[2-3]	[2-3]
AMD-K6-III/450	4.5X	75MHz	[1-2]	[1-2]	[2-3]	[2-3]	[2-3]	[2-3]
AMD-K6-III/400	4.0X	75MHz	[1-2]	[1-2]	[2-3]	[2-3]	[1-2]	[2-3]
AMD-K6-2/550	5.5X	66MHz	[1-2]	[2-3]	[2-3]	[1-2]	[1-2]	[2-3]
AMD-K6-2/500	5.0X	66MHz	[1-2]	[2-3]	[2-3]	[1-2]	[2-3]	[2-3]
AMD-K6-2/450	4.5X	66MHz	[1-2]	[2-3]	[2-3]	[2-3]	[2-3]	[2-3]
AMD-K6-2/400	4.0X	66MHz	[1-2]	[2-3]	[2-3]	[2-3]	[1-2]	[2-3]
AMD-K6-2/550	5.5X	75MHz	[1-2]	[1-2]	[2-3]	[1-2]	[2-3]	[1-2]
AMD-K6-2/500	5.0X	75MHz	[1-2]	[1-2]	[2-3]	[1-2]	[2-3]	[2-3]
AMD-K6-2/450	4.5X	75MHz	[1-2]	[1-2]	[2-3]	[2-3]	[2-3]	[2-3]
AMD-K6-2/400	4.0X	75MHz	[1-2]	[1-2]	[2-3]	[2-3]	[1-2]	[2-3]

### Remarks:

- 83MHz & 100MHz Bus Frequency is **NOT** supported



CPU Core Voltage Selection - J13,J14,J15,J16,J17



This jumper is used for adjusting CPU working voltage, for this motherboard design it can auto detect the single voltage CPU or dual voltage CPU.

The table of CPU voltage selection

Core Voltage	J17	J16	J15	J14	J13
2.1V	[1-2]	[1-2]	[1-2]	[1-2]	[2-3]
2.2V	[1-2]	[1-2]	[1-2]	[2-3]	[1-2]
2.4V	[1-2]	[1-2]	[2-3]	[1-2]	[1-2]
2.8V	[1-2]	[2-3]	[1-2]	[1-2]	[1-2]
2.9V	[1-2]	[2-3]	[1-2]	[1-2]	[2-3]
3.0V	[1-2]	[2-3]	[1-2]	[2-3]	[1-2]
3.1V	[1-2]	[2-3]	[1-2]	[2-3]	[2-3]
3.2V	[1-2]	[2-3]	[2-3]	[1-2]	[1-2]
3.5V	[1-2]	[2-3]	[2-3]	[2-3]	[2-3]

CMOS Clear - JP43

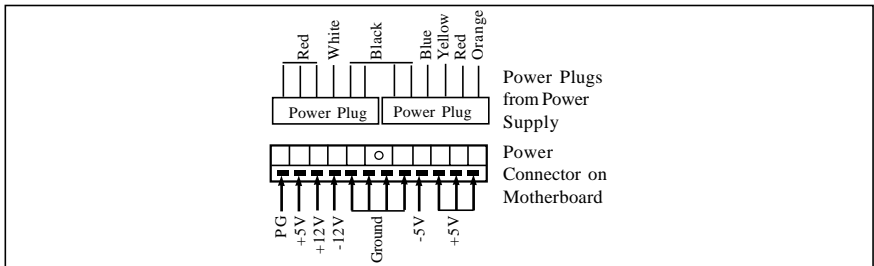
JP43	CMOS
1  (1-2)	CMOS Clear (momentarily)
1  (2-3)	Normal (Default)

Remark: Open Close

## 2.4 Function & Installation Instructions

### 2.4.1 AT Power Supply Connector (12-Pin)

This connector connects to a standard AT power supply. To connect the leads from the power supply, ensure first that the power supply is not power on. Most power supplies provide two plugs, and each plug contains six wires. Two of six wires are black and please orient the plugs to the connector so that 4 black wires are together.

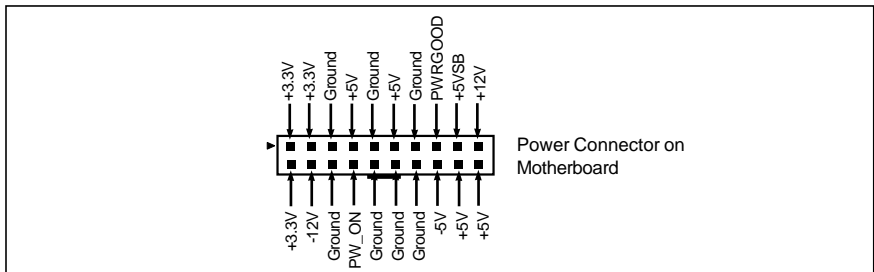


AT Power Connector

At a slight angle, align the plastic guide pins on the lead to their receptacles on the connector. Once aligned, press the lead onto the connector until the lead locks into place.

### 2.4.2 ATX Power Supply Connector (20-Pin)

This connector connects to an ATX power supply. The plug from ATX power supply will only insert in one orientation because of the different hole sizes. Find the proper orientation and push down firmly making sure that the pins are aligned. The system power can be turned off through software control, like the shut down in Windows 2000 / ME / 98 / 95 start menu. Power management must be enabled in the system BIOS in order to activate this soft-off feature. Once the system BIOS receives the power management command from the OS, it will switch the system power off.



ATX Power Connector

### 2.4.3 AT Keyboard Connector

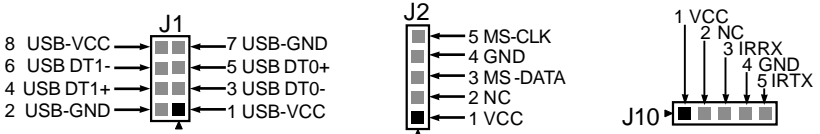
This connector supports a standard IBM-compatible keyboard, such as 101/102 enhanced keyboard (Use a PS/2 keyboard adapter in order to connect a PS/2 KB to this AT connector.).

### 2.4.4 Serial (COM1/COM2) Port Connector

This motherboard provides two compatible serial ports, it can be used when add additional serial devices.

### 2.4.5 USB Connector

This 8-pin connector connects to the optional USB ports cable with a mounting bracket.



### 2.4.6 PS/2 Mouse Connector (J2)

This 5-pin connector connects to the PS/2 ports cable with a mounting bracket.

### 2.4.7 Infra-Red Connector (JP10)

This connector supports the optional wireless transmitting and receiving infrared module. This module must configure the setting through BIOS setup and supported by Operation System such as Windows 9x.

### 2.4.8 Reset Switch (JP19)

This 2-pin connector reset switch for rebooting your computer without having to turn off your power switch. This method of rebooting is pro-long the life of the system 's power supply.

### 2.4.9 HDD LED (JP14)

This connector connects to the hard disk activity indicator, light on when accessing Hard Disk.

### 2.4.10 Speaker Connector (J11)

This 4-pin connector connects the system and the speaker.

### 2.4.11 Keyboard Lock Switch (J3)

This 5-pin connector for locking the keyboard for security purposes, and also to connect the system power LED. The system power LED lights when the

system is powered on.

## 2.4.12 Parallel Port Connector (26-pin)

This connector supports the included parallel port ribbon cable with mounting bracket. Connect the ribbon cable to this connection and mount the bracket to the case on an open slot. It will then be available for a parallel printer cable.

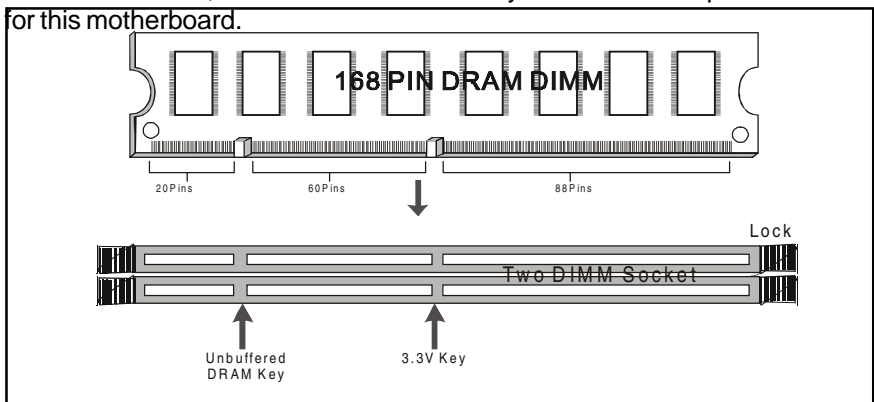
### EXPANSION CARDS INSTALLATION

Before adding or removing any expansion cards or system components, confirm that you already unplugged your power supply. Otherwise, it may severely damage to your motherboard and expansion cards. Please follow the installation procedures as below:

1. Check carefully if those hardware or software settings for your expansion cards are in the proper position as shown in their User' s Manual.
2. Remove your computer case' s cover and unscrew the bracket plate for those slots needed to insert.
3. Those expansion cards must be aligned on the slots firmly with good connection.
4. Put on the computer case cover.
5. If needed, set up the BIOS configuration and install the required drivers for your expansion cards.

## 2.4.13 SDRAM Sockets

There are two SDRAM sockets on-board to provide more flexibility for your system memory upgrade. Because the number of pins are different on either side of the breaks, the DIMM module will only fit the 3.3V 168-pin unbuffered for this motherboard.



## 168-Pin SDRAM Module Installation Diagram

### 2.4.14 PCI Slot

This motherboard provides three full-length 32-bit PCI slots with up to 133MB/sec burst data transfer rate.

### 2.4.15 ISA Slot

This motherboard provides two 16-bit ISA slot.

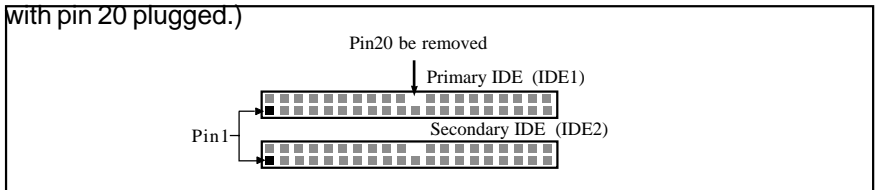
### 2.4.16 Floppy Drive Connector (34-Pin)

This connector supports the provided floppy drive ribbon cable. After connecting the single end to the on-board “FLOPPY” connector, connect the remaining plugs on the other end to the floppy drives correspondingly.

### 2.4.17 IDE Connectors (40-Pin)

The IDE connectors support the provided IDE HDD ribbon cable. After connecting the single end to the board, connect the two plugs at the other end to your HDDs. If you install two IDE devices on the same cable, you must configure the second device to slave mode by setting its jumper accordingly. (Refer to your IDE device document for the jumper settings. Pin 20 is removed to prevent inserting in the wrong orientation when using ribbon cables

with pin 20 plugged.)



## IDE Connectors

### 2.4.18 BIOS

The motherboard flash BIOS provides users with more flexibility in upgrading their motherboards. The flash BIOS can be easily reprogrammed via software.

## 2.4.19 PGA ZIP CPU Socket

The motherboard provides a ZIF Socket 7. The CPU that attach with the motherboard should have a fan on it to prevent overheating. If it is not so, purchase a fan before you turn on your system.

### Notice !!!

Be sure that there is a sufficient air circulation across the processor's heatsink by regularly checking that your CPU fan is working. Without sufficient circulation, the processor could be overheated and it may damage both the processor and the motherboard. You may install an auxiliary fan, if necessary.

### Installation step:

1. Turn off the power of your system and remove its cover;
2. Locate the ZIF socket and open it by first pulling the lever sideways away from the socket then upwards to a 90-degree angle;
3. Insert the CPU with correct orientation  
(The CPU has a corner pin for two of the four corners, that the CPU only fit in the orientation.)
4. Once completely inserted, pull down the socket's lever to horizontal and make sure the CPU is firmly locked in the socket.

## 2.4.20 CPU Fan Connector (JP44)

CPU Fan cable plug in the 3-pin CPU Fan connector onboard.

JP44 CPU FAN



<b>Pin1</b>	Sense
<b>Pin2</b>	+12V
<b>Pin3</b>	GND

## **Chapter 3**

# **Software Installation**

### **Note:**

Before installation, you must already have Windows 95/98/2000/ME or Windows NT4.0 install on your computer.

The installation procedure is as below:

1. Make sure that Auto-insert detection is enabled for your CDROM drive. It should be enabled by default.
2. Insert this CD disk into your CDROM drive.
3. The Explorer screen will then appear, that gives you instructions for installation.
4. There may require restarts of Windows during some software setup. In these cases, you can just eject then close the CD-tray in order to get back to the Explorer screen. You can then proceed with the next step.

You can get more information with open file: ***readme.txt*** in the CD disk.

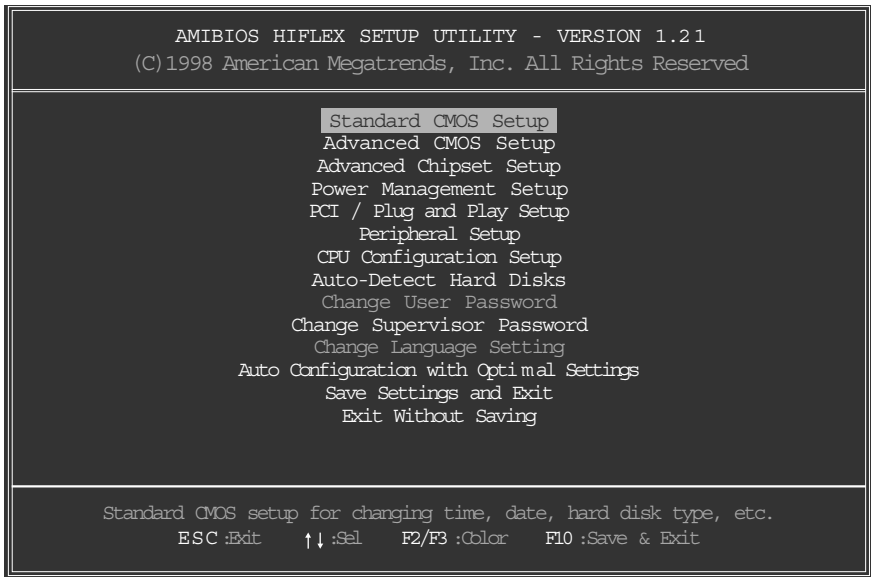
## Chapter 4 **AMIBIOS Setup**

This GC-318B motherboard comes with the AMI BIOS from AMI Software Inc. Enter the AMI BIOS program Main Menu by:

1. Turn on or reboot the system. After a series of diagnostic checks, the following message will appear:

**Press <DEL> to enter setup, ESC to skip memory test**

2. Press the <DEL> key and the main program screen will appear as follows.





3. Using the arrows ↑↓→← on your keyboard, select an option, and press <Enter>. Modify the system parameters to reflect the options installed in your system. Otherwise you may return to the Main Menu anytime by pressing <ESC> .

Types of Setup	Description
Standard CMOS Setup	Sets time, date, hard disk type, types of floppy drives, monitor type, and if keyboard is installed.
Advanced CMOS Setup	Sets Typematic Rate and Delay, Above 1MB Memory Test, Memory Test Tick Sound, Hit <Del> Message Display, System Boot Up Sequence, and others.
Advanced Chipset Setup	Sets chipset-specific options and features.
Power Management Setup	Controls power conservation options.
PCI/PnP Setup	Sets options related to the PCI bus and Plug and Play options.
Peripheral Setup	Controls I/O Controller-related options.
CPU Configuration Setup	This option selects the type of CPU install in the motherboard. The settings are <i>Auto</i> (AMIBIOS automatically determines the CPU type).

4. In the Main Menu, “Save Settings and Exit” saves your changes and reboots the system, and “Exit Without Saving” ignores your changes and exits the CMOS Setup.



## 4.1 Standard CMOS Setup

Select the AMIBIOS Setup options by choosing Standard Setup from the AMIBIOS Setup main menu. Standard Setup options are described below.

### Floppy Drive A: and B:

Move the cursor to these fields via ↑ and ↓ and select the floppy type. The settings are 360 KB 5/4inch, 1.2 MB 5/4inch, 720 KB 3/2inch, 1.44MB 3/2 inch, or 2.88 MB 3/2inch.

### Primary Master

### Primary Slave

### Secondary Master

### Secondary Slave

Select these options to configure the drive named in the option. Select *Auto Detect IDE* to let AMIBIOS automatically configure the drive. A screen with a list of drive parameters appears. Click on *OK* to configure the drive.

Type	How to Configure
SCSI	Select <i>Type</i> . Select <i>Not Installed</i> the drive parameter screen. The SCSI drivers provided by the SCSI manufacturer should allow you to configure the SCSI drive.
IDE	Select <i>Type</i> . Select <b>Auto</b> to let AMIBIOS determine the parameters. Click on OK when AMIBIOS displays the drive parameters. Select <i>LBA/Large Mode</i> . Select <i>On</i> if the drive has a capacity greater than 540 MB. Select <b>Block Mode</b> . Select <i>On</i> to allow block mode data transfers. Select <b>32-Bit Transfer</b> . Select <i>On</i> to allow 32-bit data transfers. Select the <b>PIO Mode</b> . It is best to select <i>Auto</i> to allow AMIBIOS to determine the PIO mode. If you select a PIO mode that is not supported by the IDE drive, the drive will not work properly. If you are absolutely certain that you know the drive's PIO mode, select PIO mode 0-5, as appropriate.
CD-ROM	Select <i>Type</i> . Select <i>CDROM</i> . Click on <i>OK</i> when AMIBIOS displays the drive parameters.
Standard MFM	Select <i>Type</i> . You must know the drive parameters. Select the drive type that exactly matches your drive's parameters.
Non-Standard MFM	Select <i>Type</i> . If the drive parameters do not match the drive parameters listed for drive types 1-46, select <i>User</i> and enter the correct hard disk drive parameters.

### Entering Drive Parameters

You can also enter the hard disk drive parameters. The drive parameters are

Parameter	Description
Type	The number for a drive with certain identification parameters.
Cylinders	The number of cylinders in the disk drive.
Heads	The number of heads.
Write Precompensation	The actual physical size of a sector gets progressively smaller as the track diameter diminishes. Yet each sector must still hold 512 bytes. Write precompensation circuitry on the hard disk compensates for the physical difference in sector size by boosting the write current for sectors on inner tracks. This parameter is the track number on the disk surface where write precompensation begins.
Landing Zone	This number is the cylinder location where the heads normally park when the system is shut down.
Sectors	The number of sectors per track. MFM drives have 17 sectors per track. RLL drives have 26 sectors per track. ESDI drives have 34 sectors per track. SCSI and IDE drives have even more sectors per track.
Capacity	The formatted capacity of the drive is the number of heads times the number of cylinders times the number of sectors per track times 512 (bytes per sector).

## **4.2 Advanced CMOS Setup**

The AMIBIOS Setup options described in this section are selected by choosing Advanced CMOS Setup from the AMIBIOS Setup main menu.

## **4.3 Advanced Chipset Setup**

Choose Chipset Setup on the AMIBIOS Setup main menu. All Chipset Setup options are then displayed. AMIBIOS Setup can be customized.

## **4.4 Power Management Setup**

The AMIBIOS Setup options described in this section are selected by choosing Power Management Setup from the AMIBIOS Setup main menu.

## **4.5 PCI/PnP Setup**

Choose PCI/Plug and Play Setup from the AMIBIOS Setup screen to display the PCI and Plug and Play Setup options.

## **4.6 CPU Configuration Setup**

This system BIOS is capable to detect the CPU type, say Pentium III, Pentium II or Celeron. The user is only required to select the CPU speed. In addition, overclocking option is provided for advanced users who prefer to run the CPU over the specified clock frequency.

## **4.7 Save Settings and Exit**

Choose Save Setting and Exit from the AMIBIOS Setup main menu. Type “Y” to exit the BIOS Setup program and saving the values. Type “N” to return to the Setup program.

## **4.8 Exit Without Saving**

Choose Exit Without Saving from the AMIBIOS Setup main menu. Type “Y” to exit the BIOS Setup program without saving the values. Type “N” to return to the Setup program.

***The End***