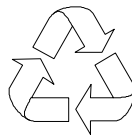


M3A System

User's Guide



100% Recycled Paper

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IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions carefully. Save these instructions for future reference.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water.
5. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.
6. Slots and openings in the cabinet and the back or bottom are provided for ventilation; to ensure reliable operation of the product and to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register, or in a built-in installation unless proper ventilation is provided.
7. This product should be operated from the type of power indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.
8. This product is equipped with a 3-wire grounding-type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the purpose of the grounding-type plug.
9. Do not allow anything to rest on the power cord. Do not locate this product where persons will walk on the cord.

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10. If an extension cord is used with this product, make sure that the total ampere rating of the equipment plugged into the extension cord does not exceed the extension cord ampere rating. Also, make sure that the total rating of all products plugged into the wall outlet does not exceed 15 amperes.
 11. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
 12. Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.
 13. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - a. When the power cord or plug is damaged or frayed
 - b. If liquid has been spilled into the product
 - c. If the product has been exposed to rain or water
 - d. If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal condition.
 - e. If the product has been dropped or the cabinet has been damaged
 - f. If the product exhibits a distinct change in performance, indicating a need for service

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14. Replace battery with the same type as the product's battery we recommend. Use of another battery may present a risk of fire or explosion. Refer battery replacement to a qualified serviceman.
 15. Warning! Battery may explode if not handled properly. Do not recharge, disassemble or dispose of in fire. Keep away from children and dispose of used battery promptly.
 16. Use only the proper type of power supply cord set (provided in your keyboard/manual accessories box) for this unit. It should be a detachable type: UL listed/CSA certified, type SVT/SJT, rated 6A 125V minimum, VDE approved or its equivalent. Maximum length is 15 feet (4.6 meters).

FCC Class B Radio Frequency Interference Statement

Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/television technician for help.

Notice 1:

The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Notice 2:

Shielded interface cables, if any, must be used in order to comply with the emission limits.

About this Manual

Purpose

This user's guide gives you all the information you need to operate the system properly.

Manual Structure

This user's guide consists of two chapters as follows:

Chapter 1 System Board

This chapter describes the system board and all its major components. It contains the system board layout, jumper settings, cache and memory configurations, and other internal devices.

Chapter 2 BIOS Utility

This chapter explains the system BIOS and tells how to configure the system by setting the BIOS parameters.

Conventions

The following conventions are used in this manual:

Text entered by user	Represents text input by the user.
<div>Screen messages</div>	Denotes actual messages that appear onscreen.
<div>ALT, CTRL, F10, etc.</div>	Represent the actual keys that you have to press on the keyboard.
<div></div>	NOTE Gives bits and pieces of additional information related to the current topic.
<div></div>	WARNING Alerts you to any damage that might result from doing or not doing specific actions.
<div></div>	CAUTION Suggests precautionary measures to avoid potential hardware or software problems.
<div></div>	IMPORTANT Reminds you to take specific action relevant to the accomplishment of the procedure at hand.
<div></div>	TIP Tells how to accomplish a procedure with minimum steps through little shortcuts.

Table of Contents

Chapter 1 System Board

1.1	System Board Layout.....	1-2
1.2	ESD Precautions.....	1-4
1.3	Pre-installation Instructions	1-4
1.4	Installing a CPU	1-5
1.5	Upgrading the CPU	1-6
1.6	Jumpers and Connectors	1-7
1.6.1	Jumper and Connector Locations	1-7
1.6.2	Jumper Settings	1-8
1.6.3	Connector Functions.....	1-9
1.6.4	USB Interface (optional)	1-10
1.7	Installing Memory.....	1-11
1.7.1	Installing a SIMM.....	1-13
1.7.2	Removing a SIMM.....	1-14
1.7.3	Reconfiguring the System.....	1-14
1.8	SCSI/ASM Card (optional)	1-15
1.8.1	Features and Layout.....	1-15
1.8.2	Jumper Settings	1-16
1.8.3	Installing the SCSI/ASM Card.....	1-16
1.9	Post-installation Instructions.....	1-18
1.10	Error Messages.....	1-18
1.10.1	Software Error Messages.....	1-18
1.10.2	System Error Messages.....	1-19
1.10.3	Correcting Error Conditions	1-21

Chapter 2 BIOS Utility

2.1	Entering Setup	2-2
2.2	Basic System Configuration	2-3
2.2.1	Date and Time	2-5
2.2.2	Diskette Drives	2-6
2.2.3	IDE Drives	2-6
2.2.4	System Memory	2-13
2.2.5	Math Coprocessor	2-13
2.2.6	Video Display	2-13
2.2.7	Communication Settings	2-14
2.2.8	Enhanced IDE Features	2-14
2.2.9	Large Memory Support Mode	2-15
2.2.10	Num Lock After Boot	2-15
2.2.11	Memory Test	2-16
2.2.12	Auto-configuration Mode	2-16
2.2.13	Fast Boot Mode	2-16
2.3	Advanced System Configuration	2-17
2.3.1	Shadow RAM	2-18
2.3.2	Internal Cache (CPU Cache)	2-18
2.3.3	External Cache	2-18
2.3.4	E0000h - FFFFFh (System BIOS)	2-18
2.3.5	C0000h - C7FFFh (Video BIOS)	2-19
2.3.6	Memory at 15MB-16MB	2-19
2.3.7	ECC/Parity Mode Selection	2-19
2.4	PCI System Configuration	2-20
2.4.1	PCI IRQ Setting	2-21
2.4.2	VGA Palette Snoop	2-22

	2.4.3	SCSI & ASM Adapter	2-22
2.5		Power Saving Configuration.....	2-23
	2.5.1	Power Management Mode.....	2-23
	2.5.2	System Wakeup Events	2-24
2.6		System Security Setup.....	2-25
	2.6.1	Disk Drive Control	2-26
	2.6.2	Onboard Communication Ports.....	2-28
	2.6.3	Onboard PS/2 Mouse (IRQ 12).....	2-30
	2.6.4	Setup Password.....	2-31
	2.6.5	Power On Password	2-32
2.7		Load Setup Default Settings.....	2-34
2.8		Leaving Setup.....	2-35

List of Figures

1-1	System Board Layout	1-3
1-2	Installing a CPU	1-5
1-3	Jumper and Connector Locations	1-7
1-4	Installing a USB Bracket Connector.....	1-10
1-5	Installing a SIMM	1-13
1-6	Removing a SIMM	1-14
1-7	SCSI/ASM Card Layout.....	1-15
1-8	Installing the SCSI/ASM Card	1-17

List of Tables

1-1	Jumper Settings	1-8
1-2	Connector Functions	1-9
1-3	Memory Configurations	1-11
1-4	SCSI/ASM Card Jumper Settings.....	1-16
1-5	System Error Messages	1-19
2-1	Hard Disk Types.....	2-9
2-2	Drive Control Settings	2-26
2-3	Serial Port 1 Settings	2-28
2-4	Serial Port 2 Settings	2-28
2-5	Parallel Port Settings	2-29
2-6	Parallel Port Operation Mode Settings	2-30