

## **Table of Contents**

### **Chapter 1 Overview**

Package Checklist.....	1-1
The KA-6110 Mainboard.....	1-2
Main Features .....	1-3
ACPI Ready.....	1-5

### **Chapter 2 Installation**

Quick Reference .....	2-2
Mainboard Layout.....	2-7
Clear CMOS: SW1-5 .....	2-9
Clear Password: SW1-6 .....	2-9
Keyboard and Mouse Power-on Feature: KB_PWN.....	2-10
2). Install RAM Modules .....	2-11
SDRAM Memory.....	2-11
Install and Remove DIMMs .....	2-12
3). Install the CPU.....	2-13
CPU Internal Frequency Selection: SW1-1/2/3/4 .....	2-18
4). Install Expansion Cards .....	2-19
5). Connect Devices.....	2-21
Connect to Internal Devices .....	2-21
Floppy Diskette Drive Connector: FLOPPY .....	2-21
IDE HDD Device Connectors: PRIMARY, SECONDARY ....	2-21
ATX Power Connector: POWER.....	2-22
CPU Fan Connector: FAN1 .....	2-23
Wake-On-LAN Connector: WOL.....	2-23
PCI Audio Card Connector: SB_LINK.....	2-24
Connect to System Case .....	2-25
Front Panel Block Connector.....	2-25
Chassis Fan Connector: FAN2.....	2-25
Connect to External Devices .....	2-27
PS/2 Keyboard and Mouse Connector: KB, MS.....	2-27
Serial Port Connectors: COM1, COM2 .....	2-27
Universal Serial Bus Connectors: USB0, USB1.....	2-28
Infrared Connector: IR.....	2-29
Printer Connector: LPT .....	2-30

### **Chapter 3 BIOS Setup**

CMOS Setup Utility .....	3-1
Standard CMOS Setup.....	3-2
Hard Disk Configurations .....	3-2
Floppy 3 Mode Support .....	3-3
Software Turbo Speed .....	3-3
BIOS Features Setup .....	3-4
Chipset Features Setup .....	3-8
Power Management Setup .....	3-12
PNP/PCI Configuration .....	3-17
Load BIOS Defaults.....	3-19
Load Setup Defaults .....	3-20
Integrated Peripherals .....	3-21
Supervisor/User Password .....	3-22
IDE HDD Auto Detection .....	3-28
Save and Exit Setup.....	3-29
Exit without Saving .....	3-30

### **Chapter 4 FAQs**

General FAQs.....	4-1
BIOS FAQs .....	4-5
Windows 98 FAQs .....	4-7
Windows 95 FAQs .....	4-8
Intel CPU FAQs .....	4-9