

Chapter 2

WinBIOS Power-On Self Test

WinBIOS provides all IBM standard Power-On Self Test (POST) routines as well as enhanced WinBIOS POST routines. WinBIOS POST supports CPU internal diagnostics.

POST Phases

Every time the system is powered on, WinBIOS executes two types of POST routines:

System Test and Initialization (tests and initializes WinBIOS for normal operations) and

System Configuration Verification (compares defined configuration with hardware actually installed).

BIOS Error Reporting

BIOS errors are reported in one of two ways:

If...	then...
the error occurs before the display device is initialized,	a series of beeps sound. Beep codes indicate that a fatal error has occurred. WinBIOS Beep Codes are described on the next page.
the error occurs after the display device is	the error message is displayed. A prompt to press <F1> can also appear with displayed error messages.

Part C BIOS Setup

Chapter 1

Introduction

The American Megatrends™ WinBIOS™ installed in your system is a collection of device drivers, initialization routines, system data and other code that controls the interface between the operating system software and the system hardware such as your processor and peripherals connected. The following features are included:

POST

Upon powering up, WinBIOS performs a series of device initialization and diagnostic tests known as the power on self test (POST). POST can generate error messages and keep codes to indicate a system problem. If an error occurs during POST before WinBIOS has initialized and configured the display monitor, beeps are sounded to indicate a system problem.

WinBIOS Setup

WinBIOS has a system configuration utility with an easy-to-use graphical user interface, WinBIOS Setup. It is there for you to change the system configuration whenever you add new peripherals, or to fine tune the system performance. WinBIOS Setup is explained in this section.