

Introduction

Acer has been on the leading edge of microcomputer systems development for both corporate and home computing needs for 20 years, as the OEM of choice for many of the world's leading computer companies. Acer is committed to meeting the world's demand for state-of-the-art computers — at the best prices.

Your AcerPower desktop configuration provides high-speed performance in a small footprint — making it perfect for small offices or general business use.

The system board features the common functions offered by a high-performance board. It has a power-management function that conforms to the power-saving standards of the U.S. Environmental Protection Agency (EPA) Energy Star program. It also supports Plug-and-Play features.

Overview

The AcerPower 4100 system is an Intel Pentium II-based desktop PC that is capable of delivering optimum performance to serve versatile business PC users. It supports 66/100 dual-FSB (Front Side Bus) frequency and a wide range of CPU speeds. Its all-in-one system board offers the following features: 3-D video, 3-D audio, a 10/100Base-TX Ethernet, Wake-on LAN, Wake-on ring-in, PnP, and Power Management. In addition, the board has one riser card slot and three 168-pin DIMM (double in-line memory module) sockets that allow you to upgrade the system memory to a maximum of 384 MB.

Aside from the standard I/O (input/output) interfaces such as two serial ports, one parallel port, and PS/2 keyboard and mouse ports, the system also offers two USB (Universal Serial Bus) interfaces, one VGA (Video Graphics Accelerator) port, one Ethernet port, and one audio I/O daughterboard connector. These additional interfaces are included to enable the system to accommodate additional peripherals.

The AcerPower 4100 system complies with the DMI (Desktop Management Interface) and the WfM (Wire for Management) standards; thus, it has a lower TCO (Total Cost of Ownership). Special features such as Wake-on LAN, Alert-on LAN, and Hardware Monitoring are added to the design to further enhance the system manageability.

The system is fully compatible with MS-DOS V6.X, OS/2, SCO UNIX, Windows NT, and Windows 95/98 operating systems.

About This Manual

This manual is divided into four chapters. A brief description of these chapters is provided below.

Chapter 1 Getting Started

Describes the different parts of the system unit. It tells you how to select a site and set up the basic system. It includes a simple troubleshooting section and a list of system error messages with the corresponding corrective actions.

Chapter 2 System Board

Describes the system board and all its major components. It contains information about the system board layout, jumper settings, jumper and connector locations and functions.

Chapter 3 BIOS Utility

Explains the BIOS and tells how to configure the system by setting BIOS parameters.

Chapter 4 Installing Optional Components

Describes how to remove and replace the system housing, and to install the optional components into the housing. It gives brief instructions accompanied by mechanical illustrations showing how to perform each described procedure.