1 Introduction

The Micronics JX30WB system board is Micronics' fourth generation VL-Bus system board, offering outstanding features for building an advanced personal computer or workstation.

The JX30WB supports all 486 processors, including the new Intel DX4-100 processor, which requires a 3.3 volt power supply. The system board automatically senses the type of CPU and its voltage requirements, then configures itself accordingly. In addition, the JX30WB utilizes level 1 write-back cache now available on the latest 486 processors.

The JX30WB is also a "Green board," which means it adheres to the Environmental Protection Agency's strict Energy Star efficiency guidelines. The system board can reduce power to consume less energy, thus making it a more efficient system board.

The system board comes complete and ready to be installed. It is designed to be installed with minimal or no help.

Features

The JX30WB includes the following features:

- Two 32-bit VL-Bus\ISA slots and five 16-bit ISA slots.

- 100% VESA VL-Bus compliant.

- EPA Energy Star compliant when used with other energy efficient components. User-defined time intervals.

- Micronics' JX30WB chip set, with Mode 3 VL IDE controller.

- Supports up to 128MB of on-board Memory.

- 4-layer, Baby AT form-factor (13" X 8.5").

- Supports the following processors (write-through and write-back cache versions) in the Zero Insertion Force (ZIF) CPU socket:

    − 486SX 25 or 33MHz

    − 486 SX2 50MHz

    − 486 DX 33MHz

    − 486 DX2 50 or 66MHz

    − 486 DX4 75 or 100MHz

Software Compatibility

The JX30WB system board has been tested thoroughly under a variety of software packages. A sampling of programs include products by Microsoft, Novell, IBM, and Santa Cruz Operation.