

EVEREX SYSTEMS, INC.

5020 Brandin Court
Fremont, CA 94538

Small Business Server, Dual Pentium-II Mini Tower Form Factor

FCC ID : E3EEX-2EZZZ-ZZZH

Model: EXO-2EZZZ-ZZZH

Trade Name: Step Server SB

USER'S MANUAL(PRELIMINARY)

FCC Warning

Class B Computing Device

Information to the User

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 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:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help and for additional suggestions.

The user may find the following booklet prepared by the Federal Communications Commission helpful: "How to Identify and Resolve Radio-TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402, Stock No. 004-000-00345-4.

FCC Warning

The user is cautioned that changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

NOTE: In order for an installation of this product to maintain compliance with the limits for a Class B device, **shielded** cables must be used.

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Chapter 1
Introduction

Hardware Specifications/Features

Processor Information

- ♦Two SEC slots (Slot One type).
- ♦66MHz or 100MHz bus support.
- ♦Pentium II 233-400MHz.
- ♦Supports Celeron CPU (single only).

Chipset Information

- ♦Intel 440BX AGPset.
- ♦Intel PIIX4e controller.
- ♦National 309 Super I/O chipset.

Voltage and Power Information

- ♦ATX power supply connector.
- ♦+12V power source for DC fan onboard.
- ♦3.3V DRAM support.
- ♦Utilizes GTL+ bus to reduce power consumption and EMI.

Main Memory

- ♦Up to 1024MB onboard.
- ♦Four 168-pin DIMM sockets.
- ♦Supports 100MHz SDRAM with SPD.

System Management

- ♦National LM79 and LM75 ASICs with onboard alarm for monitoring temperature, supply voltages, and fan speed.
- ♦Intel LANDesk Client Manager software and/or Intel LANDesk Server Manager software
- ♦Chassis intrusion detection capable.

Expansion Slots

- ♦One 32-bit AGP slot.
- ♦Five 32-bit PCI Bus Master slots.
- ♦Two 16-bit ISA slots.
- ♦One shared, seven usable.

Physical Dimensions

- ♦ATX design.
- ♦12 inches x 9.6 inches.
- ♦Requires Intel Venus compatible I/O shield.

BIOS Information

- ♦AMI Plug and Play flash BIOS.
- ♦Deep Green, Energy Star, ACPI, Year 2000, and PC98 compliant.
- ♦Soft power-down, multiple boot options.
- ♦Win98/NT5 ready, DMI 2.0 compliant.
- ♦PCI 2.1, APM 1.1 compliant.

Disk Drive & System I/O

- ♦Two PCI bus mastering EIDE channels.
- ♦Supports EIDE CD-ROMs.
- ♦PIO Mode 3 & 4 (up to 17MB/sec DTR).
- ♦UltraDMA/33 bus mastering mode (up to 33MB/sec DTR).
- ♦Support for two floppy drives (up to 2.88MB).
- ♦Two serial ports (16550 UARTs).
- ♦One ECP/EPP parallel port.
- ♦One IR (InfraRed) I/O interface port.
- ♦Two USB rev 1.2 (universal serial bus) connectors.
- ♦One PS/2 mouse connector.
- ♦One PS/2 keyboard connector.

Warranty

- ♦3 year manufacturer's warranty.