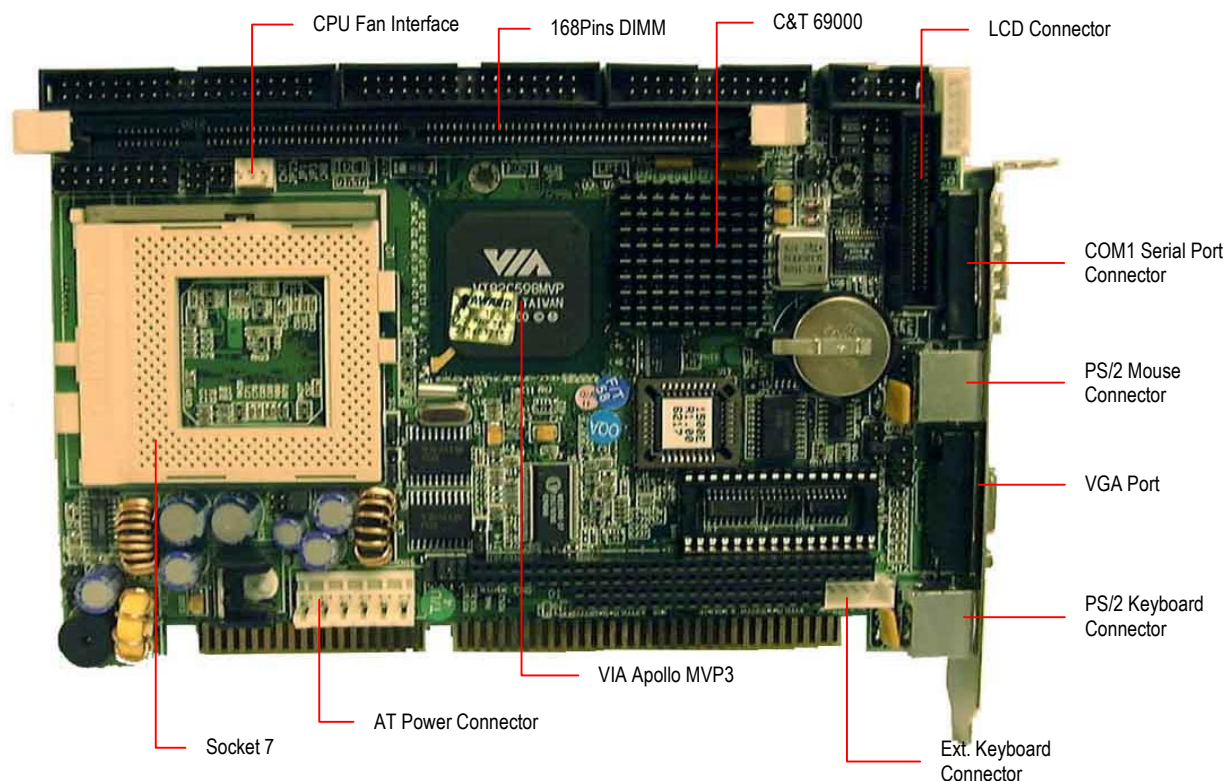


MSC-1500E

MSC-1500E



Advanced Socket 7 ISA SBC With VGA / LCD



Introduction

The MSC-1500E is an ISA full featured, industrialized, single board computer with Intel Pentium or AMD K6/K6-2/K6-3 processor. It is designed on a half-sized ISA board with VIA Apollo MVP3 chipset to maximize the efficiency and reliability.

In addition to that, MSC-1500E also integrated with C&T 69000 2MB Graphics Accelerator to deliver advanced graphics and video support for both CRT and LCD.

Other features include on-board Ultra DMA 33 IDE interface, high performance serial ports, parallel port, two USB ports, DiskOnChip, and a programmable 3-level watchdog timer.

Features

- Support Intel Pentium/Pentium MMX, AMD K5/K6/K6-2/K6-3, Cyrix 6x86/6x86MX/6x86MX-II, IDT/Centaur C6/Winchip 2
- VIA Apollo MVP3
- 1 x 168-pin DIMM sockets UP to 256MB
- Bus master IDE and Ultra DMA-33 supported
- 3-level programmable watchdog timer
- Support M-System DiskOnChip up to 144MB
- C&T 69000 Video Accelerator with 2MB frame buffer
- Supports two USB ports

MSC-1500E Advanced Socket 7 ISA SBC with VGA/LCD

Specifications

Processor	Support Intel Pentium/Pentium MMX, AMD K5/K6/K6-2/K6-3, Cyrix 6x86/6x86MX/ 6x86MX-II, IDT/Centaur C6/Winchip 2
CPU Speed	500 Mhz
BUS Clock Rate	66/100 MHz
Chipset	VIA Apollo MVP3
BIOS	AWARD BIOS
Cache	512K Cache
Main Memory	One 168-pin DIMM sockets, Supports up to 256MB
IDE Interface	Two channels for up to four IDE devices Support bus master Ultra DMA 33
FDD Interface	Supports up to two floppy disk drives
Serial Port	One RS-232 and One RS-232 / 422 / 485
Parallel Port	One ECP/EPP/SPP parallel port
Disk On Chip	M system DiskOnChip up to 144MB

Keyboard/Mouse Connectors	PS/2 6-pin and 5pin header keyboard connector PS/2 6-pin mouse connector
Watchdog Timer	3 levels
USB	Two USB ports
Power Supply Voltage	+5V @ 3A +12V @ 25mA max
VGA Chipset	C&T 69000
Display Memory	2MB
Display Type	Supports CRT & LCD
Dimensions (L x W)	185mm x 122mm (7.28" x 4.78")
Operating Temperature	0 °C ~ 60 °C
Relative Humidity	5% ~ 95%, Non-condensing

Note: Specification is subject to change without notice



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