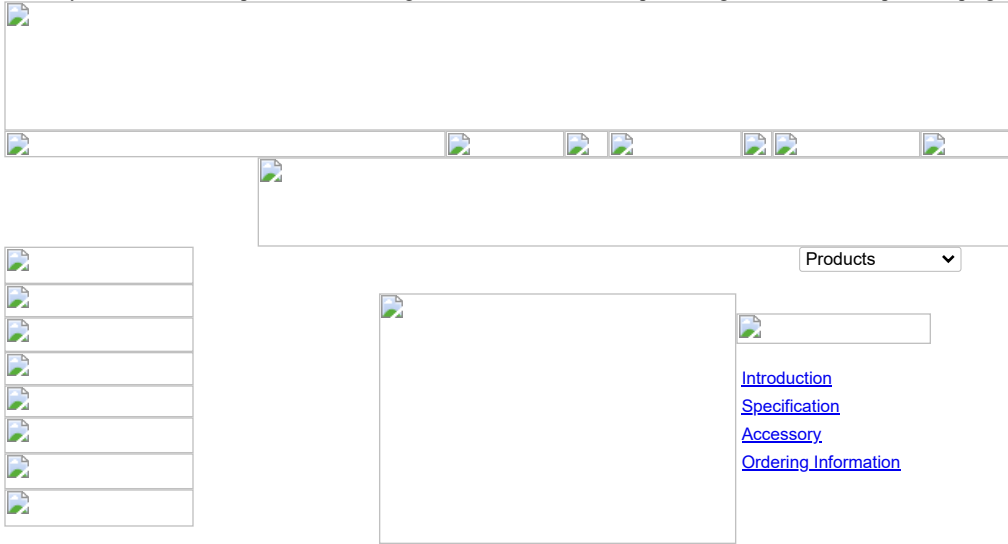


The Wayback Machine - <https://web.archive.org/web/20010306044041/http://www.giantec.com.tw:80/product/ipc/gt500v.htm>



GT-500V

Introduction :

The little board sized GT-500V embedded CPU card is a full featured, industrialized, single board computer with a high-frequency Intel Pentium MMX, or AMD K6 processor that brings advanced CPU technology and processing power. The 430HX chipset built in to the single board computer provides reliable and stable on the Pentium-MMX technology.

The GT-500V single board computer enhances by the C&T; 69000 Graphics Accelerator to deliver the most advanced graphics and video support. It supports a wide variety of monochrome and color Single-Panel, Single-Drive (SS) and Dual-Panel, Dual-Drive (DD), standard and high resolution, passive STN and active matrix TFT LCD, and EL panels.

The GT-500V combines the many features needed for system operation into one compact single board computer, including Ethernet controller, composite video input / output interface, IDE drive controllers, sound controller, high performance serial ports, enhanced parallel port, and the latest BIOS features. Additional enhancements to the GT-500V include two USB ports and a programmable watchdog timer.

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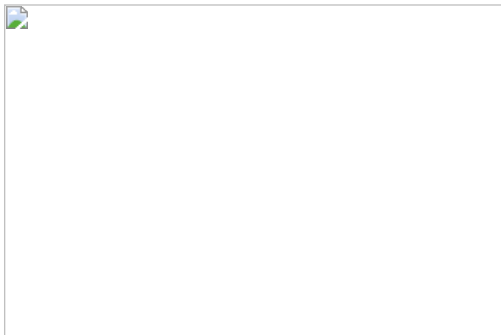
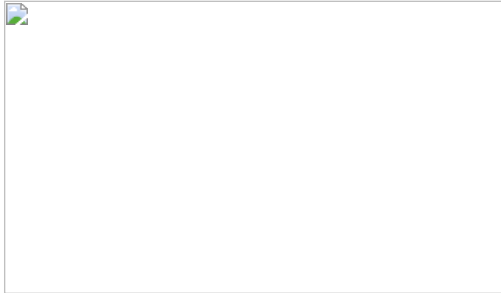
Specification :

- **Type:**
Embedded 5.25" disk size single board computer
- **CPU:**
PGA Socket 7 to support different level CPU Intel Pentium/MMX, AMD K5/K6, Cyrix M1/M2, IDT C6 up to 400MHz
- **Cache:**
512KB pipeline synchronous burst SRAM
- **System Memory:**
Supports two 72-pin SIMM sockets
Accepts 1/2/4/8/16/32/64MB SIMM Module
- **System BIOS:**
AWARD BIOS
- **System Chipset:**
Intel 82439HX Host Bridge Controller
Intel 82371SB PCI/ISA/IDE Accelerator
Supports 66/100MHz FSB
- **Super I/O:**
SMC 37C669
- **Real Time Clock:**
SGS M48T86 PCI (or compatible)
On-chip lithium battery
with 10 years data retention
- **VGA Chipset:**
C&T; 69000
- **Audio:**
On-board ESS 1869 3D Sound chip w/ audio amplifier
- **Video:**
Rockwell BT878 video interface supports 4 video input
- **Disk-on-chip:**
Socket for M-system disk on chip
- **IDE HDD Interface:**
One Enhanced IDE interface, supports 2 IDE devices
PIO Mode 4 and Ultra DMA/33 supported
- **Floppy Disk Interface:**
Supports up to two floppy disk drivers 3.5" &/or 5.25"
- **Parallel Port:**
Enhanced Bi-directional EPP/ECP/SPP parallel port
With 4 DIOs
- **Serial port:**
Three RS232 ports & one RS232/422/485 port with 16C550 UARTs
- **Watchdog Timer:**
Can generate a system RESET
Timer interval is 0~63 sec (14 level)
- **Keyboard & Mouse Connectors:**
Two 6-pin mini-DIN connector at rear panel

- **VGA Memory:**
On-chip 2MB SDRAM
- **VGA Resolution:**
Supports Flat-panel resolutions up to 640x480, 800x600, 1024x768, 1280x1024
Supports non-interface CRT monitors, up to 1024x768 64K colors
- **VGA Connector:**
One 2x8 pin header for CRT monitor
One 2x22 pin header for Flat-panel
- **Networking:**
Realtek RTL8139 Ethernet controller
10/100 Base T with RJ-45 connectors
- **USB:**
Dual USB connectors at rear panel via separate cable and bracket assembly
- **Expansion Bus:**
One 16 bit PC104 connector on board
One PCI Slot on-board
- **Operating Temperature:**
32° to 140° F (0° to 60° C)
- **Power Requirement:**
+5V/5.5A, +12V/500mA
12-pin external PS/2 power connector
- **Board Size:**
203mm x 146mm

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Accessory



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Ordering Information :

- Pentium 5.25" disk size embedded Single Board Computer
- With Cable Set, GT-240, User's Manual, Export Packing

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