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Giantec Inc.

Drsigner & Manufacturer of Vehicle PC , DVR & IPC Application.

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Introduction   Specification   Download (DM.pdf)

The ISA bus GT-575 is an industrial grade half size CPU card with Intel Triton II HX chipsets and enhanced I/O chipsets to ensure it can work with ISA bus passive backplanes. This advanced technology and PCI local Bus brings outstanding performance for Windows applications.

Specially designed to work with your CPUs of Intel P54C/P55C and Cyrix 6x86. The GT-575 6-layer structure reduces signal noise. It meets all green functions with a built-in power management feature.

The GT-575 combines VGA & EIDE using the 32-bit PCI interface. It is designed as such way to utilize the most of PCI system.
GT-575's display features the ability to control most EL, mono/color STN and TFT flat panel as well as standard VGA. Equipped with 1MB of EDO DRAM, up to 2MB EDO DRAM (optional). The on-board C&T 65550 chipset can perform 640x480 resolution on commonly used flat panels and true color displays on CRT.

You can also use this reliable GT-470 to transform any system into a 32-bit 486 compatible computer. Its industrial features provides a cost effective solution for most commercial and industrial applications.

Specification

Bus Type :	ISA bus - 98 pin for 16 bits ISA bus
Real Time Clock :	SGS M48T86 PCI (or compatible) On-chip lithium battery with 10 years data retention
CPU :	INTEL P54C/P55C,CYRIX M1/M2 and AMD K5/K6 Processor up to 400MHz
Disk-on-chip :	Socket for M-system Disk on Chip
IDE HDD Interface :	Supports one PCI mode 4 enhance IDE hard disk interface
Cache :	512KB 2nd level Burst cache memory
Floppy Disk Interface :	Supports up to two floppy disk drivers, 3.5" and/or 5.25"
System Memory :	Support FPM/EDO DRAMs Support two 72-pin SIMM sockets, Accepts 1/2/4/8/16/32/64MB SIMMs
Parallel Port :	Enhanced Bi-directional EPP/ECP/SPP parallel port
System BIOS :	AWARD BIOS
Serial Port :	One RS-232 port and One RS-232/RS-422/RS-485 port, both with 16C550 UARTs.
System Chipset :	Intel 82439HX Host Bridge Connector Intel 82371SB PCI/ISA/IDE Accelerator
Watchdog Timer :	Can generate a system RESET, The timer interval is 0 ~ 63 sec (14 level)
Super I/O :	I/O Chipset : SMC37C669
Keyboard & Mouse Connector :	Two 6 pin Mini-Din connector are located on the mounting bracket. And a 5-pin header connector for internal keyboard
Expansion Bus :	A 16-bit PC104 connector for expansion modules
VGA Chipset :	C&T 65550 PCI local bus flat-panel with Windows accelerator and Video play back
VGA Memory :	On board 2MB EDO DRAM

Operating Temperature :	32º to 140º F (0º to 60º C)
Power Supply Voltage :	+5V, 5.0A
VGA Resolution :	Supports Flat-panel resolutions up to 640x480, 800x600, 1024x768, Supports non-interlace CRT monitors, 1024x768 64K colors
Board Size :	185mm X 122mm
VGA Connector :	One DB-15 VGA connector for CRT monitor One 2x22 pin header for Flat-panel Support 3.3V and 5V Flat- panel

Accessory

- Pentium/AMD K6 400MHz ISA bus half size CPU Card
- With Cable Set, User's Manual, Export Packing

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