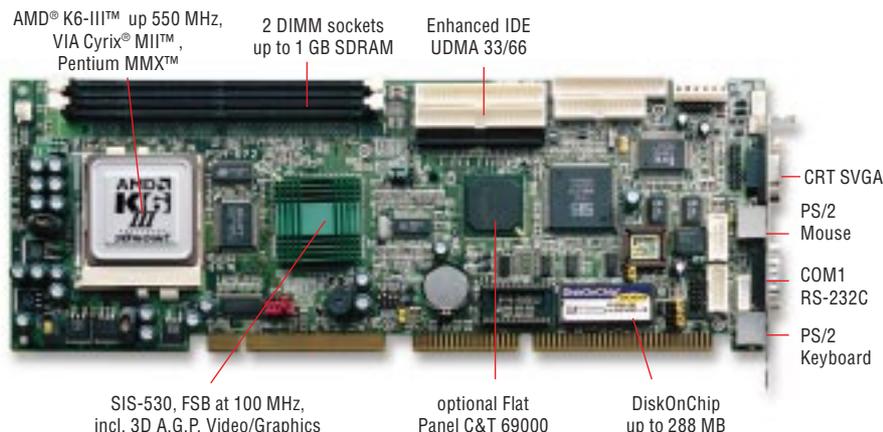


PIA-672

	Socket 7 : Pentium MMX, AMD K6-III, Cyrix M2
	Flat Panel / CRT C&T 69000
	or
	CRT Display AGP SiS-530



Pentium CPU Card

up AMD K6-3, with AGP CRT or LCD SVGA Interface

General Specifications

CPU

AMD® K6-III™ (K5/K6/K6-II) up to 550 MHz, VIA Cyrix® MII™, Intel® Pentium MMX™

Chipset

SIS 530 (Host, PCI, 3D A.G.P. Video/Graphics) with FSB of up to 100 MHz supports future CPU clock speeds up to 550 MHz

BIOS

AWARD PCI/ISA PnP system BIOS

Green Function

power saving options supported in BIOS. DOZE / STANDBY / SUSPEND modes

Secondary Cache

512 KB Pipelined Burst SRAM

DRAM Memory

up to 1 GB SDRAM in 2 DIMM sockets

PCI Enhanced IDE with Ultra DMA

supports two ports and up to four ATAPI devices. Supports PIO Timing Mode 0, 1, 2, 3 and 4, Multiword DMA Mode 0, 1, 2 and Ultra DMA 33/66

Bus Interface

PCI and ISA, complies with PICMG standard

Watchdog Timer

generates an NMI or system RESET when your application loses control over the system. Timer interval : 1, 2, 10, 20, 110 and 220 sec.

Real-time Clock

included in SIS-530 with lithium battery backup for 10 years of data retention. CMOS data backup of BIOS setup and BIOS default.

optional:

Benchmark bq3287AFM with lithium battery backup for 10 years of data retention.

High Speed Multi I/O

Chipset

ITE 8661F

Serial Ports

RS-232C port COM1, RS-232C/422/485 port COM2 with 16C550 UART and 16 byte FIFO

USB

2 onboard USB ports (12 Mb/s and 1.5 Mb/s)

SIR Interface

5-pin IrDA TX/RX header

Floppy Disk Drive Interface

2 floppy disk drives, 5¼" (360 KB or 1.2 MB) and 3½" (720 KB, 1.44 MB or 2.88 MB).

Bi-directional Parallel Port

supports SPP, EPP and ECP mode.

Keyboard and Mouse Connectors

6-pin external mini DIN for PS/2 Mouse, 6-pin external mini DIN for PS/2 Keyboard 5-pin onboard header for AT Keyboard

Flash Disk DiskOnChip®2000

Package

Single Chip Flash Disk in 32-pin DIP JEDEC

Capacity

up to 288 MByte capacity

Data Reliability

ECC/EDC error correction

Memory Window

8 KByte

Display Controller (options)

OPTION 1 (PIA-672DV)

Chipset

integrated in SIS 530 AGP SVGA for hardware 2D/3D Video/Graphics Accelerators

Shared Memory

up to 8 MB SDRAM frame buffer, assigned in BIOS setup

Bus

tightly coupled 64 bits 133 MHz host interface

Display

CRT (VGA, SVGA, XGA, SXGA)

Resolution

up to true color on SXGA (1280x1024 @ 16M)

Connectors

external 15-pin D-sub connector for CRT onboard 16-pin header for CRT

OPTION 2 ((PIA-672DV/C)

Chipset

CHIPS C&T69000 HiQVideo™ Accelerator with 2 MB integrated SDRAM on chip

Display Type

CRT, TFT, DSTN, SSTN, EL, Plasma Quarter VGA, VGA, SVGA, XGA and SXGA

Connectors

external 15-pin D-sub female for CRT and onboard 50-pin box header for Flat Panel

Environmental and Power

Power Requirements

+5 V @ 3.5 A (typical), ±12 V (Intel Pentium MMX 233MHz + 64MB SDRAM)

System Monitoring and Alarm

CPU and System temperature, system voltage and cooling fan RPM.

Board Dimensions

340 mm x 122 mm

Board Weight

0.37 Kg.

Operating Temperature

0 to 55°C (32 to 131°F)

Ordering

PIA-672DV : Full-size Socket-7 Pentium CPU Card with AGP CRT SVGA (SIS-530) and DiskOnChip socket

PIA-672DV/C : same as PIA-672DV but with Flat Panel C&T 69000

