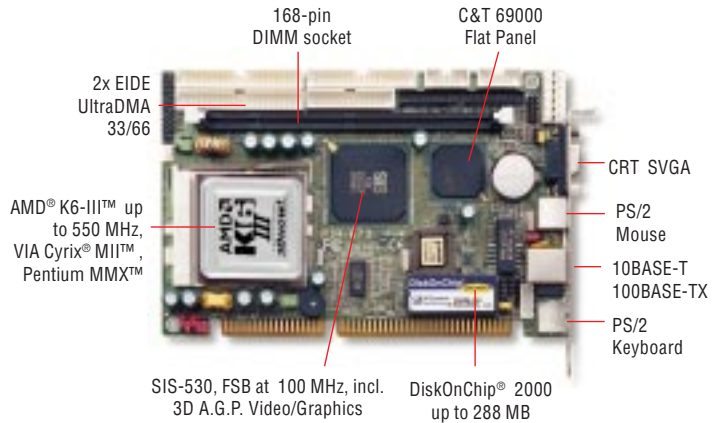
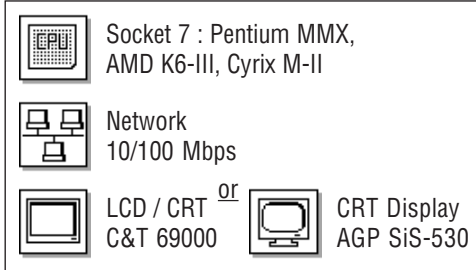


PIA-673



Pentium CPU Card

up to AMD K6-3, with LCD/CRT and Fast Ethernet

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)

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

512 MB SDRAM in one 168-pin DIMM socket

Bus Interface

ISA (speed 8.3 MHz)

DMA Channels

7 channels

Interrupt Levels

15 levels

PCI Enhanced IDE with Ultra DMA

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

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.

High Speed Multi I/O

Chipset

ITE 8661F

Serial Ports

one external high speed RS-232C port COM1, one internal high speed RS-232C/485 port COM2 (jumper selectable), both with 16C550 UART and 16 byte FIFO.

USB

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

SIR Interface

onboard 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) BIOS enabled/disabled.

Bi-directional Parallel Port

supports SPP, EPP and ECP mode.

Keyboard and Mouse Connectors

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

Flash Disk DiskOnChip®2000

Package

Single Chip Flash Disk in 32-pin DIP JEDEC

Capacity

2-288 MByte capacity

Data Reliability

ECC/EDC error correction

Memory Window

8 KByte

Network Interface Controller

Chipset

Realtek RTL8139C (or compatible)

Type

10BASE-T / 100BASE-TX

Connector

external RJ-45 connector on bracket

Display Controller (options)

OPTION 1 (PIA-673DVL)

Chipset

SIS-530 AGP, 2x AGP at 133 MHz, supports up to 8 MB SDRAM shared memory

Display Type

CRT (VGA, SVGA, XGA, SXGA)

OPTION 2 (PIA-673DVL/C)

Chipset

CHIPS C&T 69000 HiQVideo™ Accelerator with 2 MB integrated SDRAM on chip

Display Type

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

Environmental and Power

Power Requirements

+5 V @ 4 A (typical), ±12 V (Intel Pentium MMX 233MHz + 64MB SDRAM)

System Monitoring and Alarm

CMOS-based PC hardware monitor, monitors CPU and system temperature, fan speeds and power supply voltages.

Board Dimensions

185 x 122 mm.

Board Weight

0.26 Kg

Operating Temperature

0 to 55°C (32 to 131°F)

Ordering

PIA-673DVL/C : Half-size Pentium CPU Card with Flat Panel / CRT SVGA Controller, Fast Ethernet and DiskOnChip socket

PIA-673DVL : Half-size Pentium CPU Card with CRT AGP SVGA Controller, Fast Ethernet and DiskOnChip socket

PIA-673DVL : Half-size Pentium CPU Card with Flat Panel / CRT SVGA Controller and DiskOnChip socket

