PISA-675

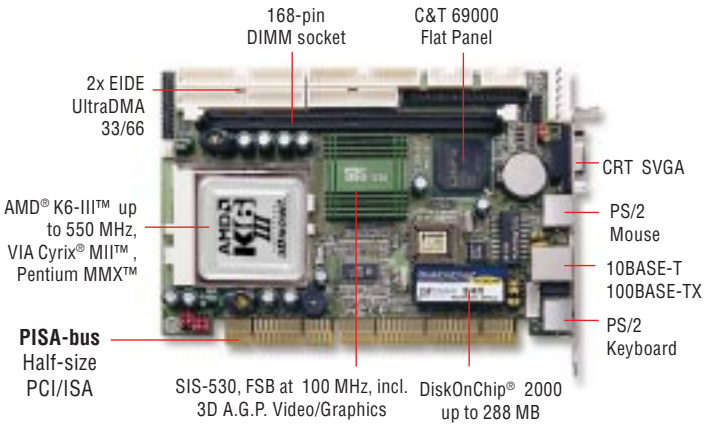
Socket 7 : Pentium MMX,
AMD K6-III, Cyrix M-II

Network
10/100 Mbps

LCD / CRT
C&T 69000

or

CRT Display
AGP SiS-530



Pentium PISA-bus 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

PISA Bus Interface
Half-size PCI and ISA

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.

FC CE Year 2000 Compliant

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 (or compatible) UART with 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 box 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

Network Interface Controller

Chipset
Realtek RTL8139B (or compatible)

Type
10BASE-T / 100BASE-TX

Connector
external RJ-45 connector on bracket

Display Controller (options)

OPTION 1 (DVL version)
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 (DVL/C and DV/C versions)
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 with :
Intel Pentium MMX 233 MHz + 64 MB 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

PISA-675DVL/C: Half-size PISA-bus Socket 7 Pentium CPU Card with Flat Panel / CRT SVGA, Fast Ethernet and DiskOnChip socket

PISA-675DVL : Half-size PISA-bus Socket 7 Pentium CPU Card with CRT SVGA, Fast Ethernet and DiskOnChip socket

PISA-675DV/C: Half-size PISA-bus Socket 7 Pentium CPU Card with Flat Panel / CRT SVGA and DiskOnChip socket