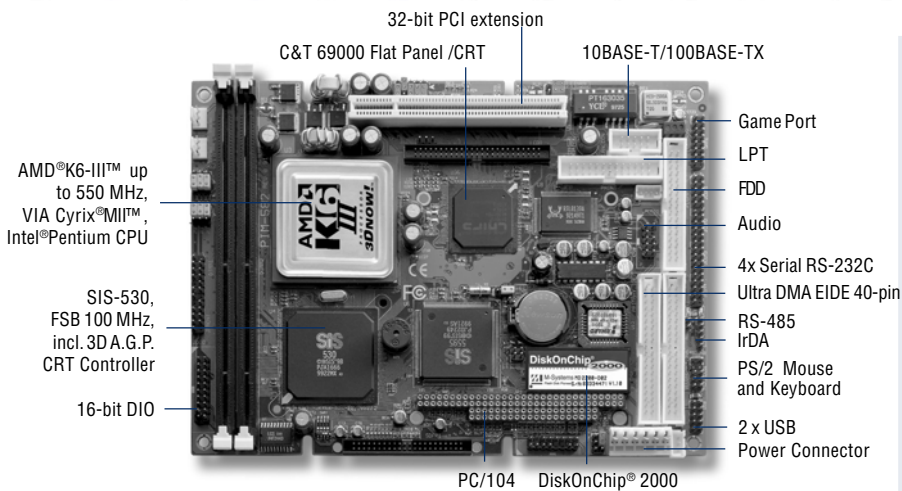


PIM-582

5.25" Socket 7 Miniboard with Flat Panel / CRT, Audio and LAN



Features

CE FCC ...

- ★ Support Intel Pentium or K6-III up to 550 MHz
- ★ 2 x AGP VGA for CRT
- ★ Flat Panel / CRT optional
- ★ LAN 10/100 Mbps, RTL8139A
- ★ Audio support
- ★ 16-bit Digital IO
- ★ 4 Serial Ports

Specifications

System

- **CPU:** AMD K6-III™ (K5/K6/K6-II) up to 550 MHz, VIA Cyrix®MII™, Intel Pentium CPU
- **System Memory:** Up to 1 GB SDRAM in two 168-pin DIMM sockets
- **L2 Cache:** 512 KB SRAM onboard
- **Chipset:** SIS 530 (Host, PCI, 3D A.G.P. Video/Graphics)
- **Enhanced IDE:** Supports two ports and up to four ATAPI devices, Ultra DMA-33/66
- **BIOS:** Award PCI/ISA PnP system BIOS
- **Watchdog Timer:** Generates system RESET or NMI. Timer interval 1, 2, 10, 20, 110 and 220 sec.
- **Expansion:** PCI - 32-bit, PC/104 - 16 bit

Multiple I/O

- **Serial:** 3 high speed RS-232C ports (COM1, 3, 4), 1 high speed RS-232C/485 port (COM2)
- **Parallel:** SPP, EPP and ECP Mode
- **Game Port:** 16-pin header for single game port
- **Floppy:** 2 floppy disk drives, 5¼" (360 KB or 1.2 MB) and 3½" (720 KB, 1.44 MB or 2.88 MB)
- **IrDA:** 5-pin IrDA TX/RX header
- **USB:** 2 onboard USB ports (12 Mb/s and 1.5 Mb/s)
- **K/B & Mouse:** PS/2 Mouse, PS/2 Keyboard and AT Keyboard
- **GPIO:** 16-bit GPIO

LAN

- **Chipset:** Realtek RTL8139A
- **Connector:** Onboard 10-pin header

Audio

- **Chipset:** ESS Solo-1 ES-1938S, 3D Sound onboard
- **Interface:** 9-pin header for AUXA, AUXB, Mic/Speaker and 4-pin mini box header for CD-ROM audio

Flash Disk

- **DiskOnChip2000** socket

Display Options

CRT only

- **Chipset:** SIS-530 AGP, 2x AGP at 133 MHz
- **Display Memory:** up to 8 MB SDRAM shared memory
- **Display Type:** CRT (VGA, SVGA, XGA, SXGA)

Flat Panel / CRT

- **Chipset:** C&T 69000 HiQVideo™ Accelerator
- **Display Memory:** 2 MB SDRAM on dye
- **Display Type:** CRT and Flat Panel (TFT, DSTN, SSTN, EL, Plasma)
- **Resolution:** 800x600 @ 18bpp, 1024x768 @ 16bpp, 1280x1024 @ 8bpp
- **LCD Interface:** TTL 36-bit

Mechanical and Environment

- **Power Requirement:** + 5 V @ 3.2 A (typical), ±12 V (Intel Pentium MMX 233 MHz + 64 MB SDRAM)
- **Operating Temperature:** 0 ~ 60°C (32 to 140°F)
- **Relative Humidity:** up to 90% @ 55°C
- **Dimension (L x W):** 203 x 146 mm (8" x 5.75")
- **Weight:** 0.28 Kg (0.62 lb)

Ordering Information

PIM-582

5.25" Pentium miniboard with AGP SVGA for CRT, Fast Ethernet, Audio, 4 Serial Ports and 16-bit Digital I/O

PIM-582C

Same as above with C&T69000 for Flat Panel/CRT