



The dual Socket 370 IAC-F372L is a full-size PICMG Single Board Computer (SBC) that supports up to two Intel Celeron Socket 370 PPGA processors up to 500MHz and higher. This gives you near Pentium II level performance with less heat build up and a lower cost. Built on the Intel 440BX AGPset, the IAC-F372L can run at either 66MHz or 100MHz FSB, which means that when Intel creates new faster processors for socket 370, you will be ready.

This board is equipped with the C&T69000 PCI Flat Panel/CRT accelerator with integrated 2MB video memory to support resolutions and color depth up to 1280x1024 x 16bpp.

It has one socket for DiskOnChip 2000 and 4-bit Digital Input/Output header. Other on-board features include two PCI Enhanced IDE ports for up to four IDE and Ultra DMA-33 devices, two 16550 serial ports with one selectable RS-232/422/485, one multi-mode parallel port, two USB ports, one IrDA interface, and a 7 level hardware watchdog timer.

■ Specifications

• CPU Support

Supports dual Intel Celeron Socket 370 PPGA processors up to 500MHz and higher.

Intel Pentium III Socket 370 FC-PGA ("Coppermine") processors support available after 2Q 2000.

• System Chipset

Intel 440BX AGPset, 66/100MHz FSB.

• System Memory

Three 168-pin DIMM sockets support up to 768MB SDRAM (ECC capable).

• Video Controller

C&T 69000 Flat Panel/CRT accelerator with on-board 2MB video memory, supports resolutions and color depth up to 1280x1024 x 16 bpp.

• IDE Interface

Two Enhanced IDE ports support up to four IDE or Ultra DMA-33 devices.

• Solid State Disk

One 32-pin DIP socket supports M-Systems DiskOnChip2000 up to 144MB.

• FDD Interface

One FDD interface supports up to two floppy drives.

• Serial Port

Two serial ports on-board, one RS-232 and one RS-232/422/485.

• Parallel Port

One multi-mode parallel with support for EPP, ECP, SPP, and Standard.

• Universal Serial Bus

Two on-board USB ports.

• Digital I/O

4-bit digital input / 4-bit digital output header.

• IR Interface

On-board IRDA header support one IR Interface.

• Keyboard

5-pin keyboard header and 6-pin Mini-Din PS/2 keyboard connector.

• PS/2 Mouse

6-pin Mini-Din PS/2 mouse connector.

• Watchdog Timer

7 level hardware time-out intervals (0.5, 1, 2, 4, 16, 32, & 64 seconds).

• Health Monitoring

On-board GI520SM health monitoring with CPU temperature alarm.

• BIOS

2MB Award licensed flash BIOS.

• Bus Interface

PICMG (ISA & PCI).

• RTC Battery

Dallas RTC Battery.

■ Physical Dimension / Operating Environment

• Dimension / Weight

13.25" X 4.83" / 338mm X 122mm
0.748 lb / 340 g

• Operating Conditions

Temperature: 32°F to 140°F / 0°C to 60°C
Humidity: 10% to 90% RH
Power: TBA