

D6-IN System Board

The state-of-the-art desktop system

The Micronics D6-IN, based on Intel's 440FX PCIsset, offers Pentium® Pro power in the Baby AT form factor at a competitive price. The D6-IN features support for both the Fast Page Mode (FPM) and Enhanced Data Out (EDO) memory technologies. In addition, the architecture supports Error Checking and Correction (ECC). This board offers enhanced PCI throughput, Mode 4 PCI Enhanced IDE, PCI and ISA expansion slots and optional Universal Serial Bus (USB). Pentium Pro processor support ranges from 166 to 200MHz with an integrated voltage regulator module supplying CPU-specific voltages. The D6-IN is an outstanding choice when upgrading from a Pentium® to a Pentium Pro system.

Specifications:

Processors:

- Single ZIF socket 8
- Intel Pentium Pro 166 - 200MHz
- Integrated VRM
- Auto-detection of CPU voltage

Expansion:

- Four 32-bit PCI slots
- Three 16-bit ISA slots
(one is a shared PCI/ISA slot)

CPU Clock Select:

- Frequency synthesizer chip for easy CPU clock selection
- Support for 60 and 66MHz CPU bus, with configuration options to support CPU operation from 166 - 200MHz

Chipset:

- Intel 440FX PCI chip set
- Intel PIIX 3
- SMC FDC37C93X Ultra I/O chip

Memory:

- Six 32/36-bit 72-pin SIMM sockets
- Maximum memory 768 MB
- Supports FPM and EDO DRAM memory
- ECC supported via chip set
(36-bit SIMM)

Cache:

- 16K On-CPU Level 1 Write Back
- 256K or 512K Level 2 Cache in CPU

PCI (Local Bus) IDE:

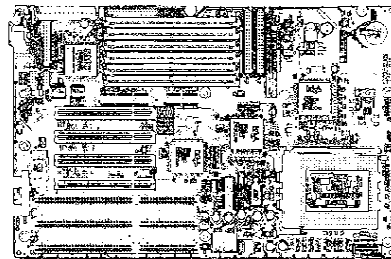
- Mode 4 PCI IDE
- Two 40-pin IDE connectors
(Primary and Secondary IDE)
- Auto detection of add-in IDE board
- Multiple sector transfer support

Floppy:

- Supports 360K - 2.88MB formats
- Auto detection of add-in floppy controllers

Communication Ports:

- Two 9-pin 16550 compatible serial headers
- One 25-pin parallel header (ECP, EPP)
- One 4-pin IrDA compliant Infrared header
- One 8-pin header for USB (Two USB ports via cable, manufacture option)



PENTIUM PRO PROCESSOR PCI LOCAL BUS SERIES



- Pentium Pro 166 to 200MHz Processors
- Supports EDO Memory and ECC
- Based on Intel 440FX PCIsset
- Pentium Pro in Baby-AT Form Factor

MICRONICS

World Headquarters:

Micronics Computers, Inc.
45365 Northport Loop West
Fremont, CA 94538-6417
Telephone (510) 651-2300
Telefax (510) 651-5612
www.micronics.com

Micronics/Orehid (Europe)
Unit 3/4 Woodlands Business Village
Coronation Road, Basingstoke
Hampshire, RG21 4JX
United Kingdom

Micronics/Orehid (Germany)
Lankesberger Strasse 406
D-81241 Munich
Germany

Micronics Computers, Inc. (Benelux)
Fortran Weg 7
NL-3821 BK Amerfoort
Netherlands

Micronics Computers, Inc. (Taiwan)
7F, NO. 3, Lane 235
Pao Chiao Road
Hsinien City, Taipei Hsien
Taiwan, R.O.C.

BIOS:

- Phoenix 4.0X BIOS on 1MB Flash (2MB with USB)
- PCI auto configuration
- Plug and Play ready
- APM 1.2
- Auto detection of memory size
- Auto detection & display of EDO memory
- Auto configuration of IDE hard disk types

Keyboard and mouse:

- Standard AT style keyboard connector
- Optional PS/2 style keyboard & mouse connectors

Form factor:

- Baby AT footprint (13" x 8.5")
- Four Layer Board

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