PC-486

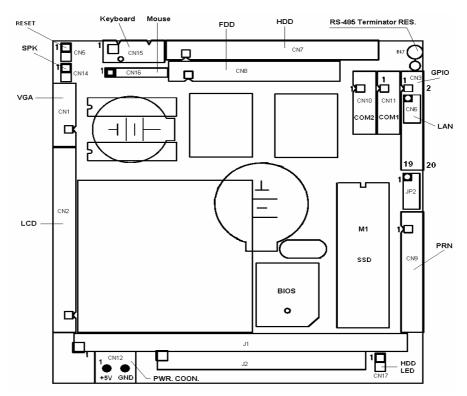## Embedded ACC Maple 486DX-133 CPU SBC with CRT/LCD VGA, Ethernet, GPIO, DiskOnChip and 4MB EDO RAM

■ Features

- PC/104 ISA-BUS Embedded CPU Module
- Embedded Auctor Maple 486DX4-133Mhz CPU and Integrated math coprocessor
- On-Board 4MB EDO-RAM system memory
- On board CRT/LCD VGA
- Support 10 Mbps Ethernet
- Built-in Floppy Disk Driver Controller
- Built-in one EIDE Channel controller
- One RS-232/RS485 and one RS-232 serial ports
- Support PS/2 mouse connector
- One SPP/ECP/EPP Bi-direction Parallel Port.
- 255 level Watchdog timer
- 16-channels GPIO (8-in/8-out) connector
- Provide One DiskOnChip Socket
- Provide EEPROM for user
- Single Power supply (+5V)

■ Specifications

CPU:
Embedded ACC Maple 80486DX-133MHz low power CPU(Fanless)

Bus interface: PC/104 ISA bus

System BIOS: AMI PnP BIOS (Year 2000 Compliant BIOS)

System Memory:
On-board 4MB EDO DRAM

Display:
- On-board TOPRO TP6508IQ VGA controller
- Panel support TFT/STN/EL/Mono LCD
- On-board 1MB Display memory
- Support resolution up to 1024x768 256 colors
- 24 bits Panel data bus

LAN: 10 Mbps RTL8019AS Ethernet controller and J-45 connector (For PC-486VN)

GPIO : 16-channels GPIO (8-in/8-out) connector (For PC-486 and PC-486V)

EEPROM : Provide 50 words EEPROM register for user

IDE Interface: One EIDE Channel

Floppy Disk Drive Interface:
Supports Up to two floppy disk drives

Serial Ports: One RS-232C and one RS-232/485 serial Ports. All with 16C550 UART And 16 byte FIFOs

Printer Port: One SPP/ECP/EPP Bi-direction Parallel Port.

Solid state disk:
- Support DiskOnChip® socket

KBD. and PS/2 Mouse connector.

Watch Dog timer: The watch dog timer range from 0 to 254 sec

■ Environmental

- Power Supply Voltage : + 5V/1.2A
- Operating Temperature: 0 ~ 60° C (32 ~ 140° F)

Dimensions:96(L) x 90mm(W)

■ Order information

PC-486VN: 80486DX-133 CPU with VGA and LAN (without GPIO)

PC-486V: 80486DX-133 CPU with VGA and GPIO (without LAN)

PC-486: 80486DX-133 CPU with GPIO (Without VGA and LAN)

Flexble OEM/ODM design

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