



- 80486 based system board equipped with 256KB cache.
- Half-sized SBC with all-in-one functionality.
- PC/104 connector and mounting holes supported.
- Built-in RTC and configurable watch dog timer.
- Built with socket for Flash memory disk(DiskOnChip)
- Most cost-effective 486 SBC.

Specifications

- **CPU**
 - Intel 486DX/DX2/DX4/P24T/P24D
 - AMD 486DX2/DX4/5X86
 - Cyrix 5X86.
- **DRAM**
 - Support two 72-pin SIMM sockets for FPM/EDO DRAM up to 64MB.
- **Cache Memory**
 - 256KB 2nd level cache memory.
- **BIOS**
 - Licensed Award BIOS.
- **Chipset**
 - ALI M1487/M1489.
- **Clock/Calendar**
 - Dollas RTC with lithium battery backup for 10 years of data retention
- **On Board I/O**
 - On board SMC 37C665GT super I/O.
- **Flash Memory Disk**
 - Reserved socket for DiskOnChip from M-system, support up to 12MB Flash memory disk
- **IDE Drive Interface**
 - Supports 2 PCI mode 4 enhanced IDE hard disk drive

- **Floppy Drive Controller**
 - Up to 2 floppy drives supported.
- **Serial Ports**
 - 2 serial port interfaces.
- **Parallel Ports**
 - One bi-directional parallel port.
- **Watchdog Timer**
 - System RESET or IRQ 15, the time interval is 0.31 ~ 63 sec(12 level)
- **Dimension**
 - 185mm x 122mm.
- **Power Requirement**
 - +5V/4A
- **Operating Temperature**
 - 0 to 60°C.
- **Storage Temperature**
 - -40 to +100 °C.
- **Relative Humidity**
 - 5 to 95% non-condensing.

Ordering Guide

- **P -405**
 - Half-sized 486 SBC with 256KB cache and socket for DiskOnChip.