



- Entry level server platform or cost-effective client with on-board VGA display.
- PC/104 connector and mounting holes supported.
- Built-in RTC and configurable watch dog timer.
- Built with socket for Flash memory disk(DiskOnChip)
- Comply with PICMG PCI/ISA bus standard.
- On-board 256KB cache memory

Specifications

- **CPU**
 - ♦ Intel 486DX/DX2/DX4/P24T/P24D
 - ♦ AMD 486DX2/DX4/5X86
 - ♦ Cyrix 5X86.
- **DRAM**
 - ♦ Support four 72-pin SIMM sockets for FPM/EDO DRAM up to 128MB.
- **Cache Memory**
 - ♦ 256KB 2nd level cache memory.
- **BIOS**
 - ♦ Licensed Award BIOS.
- **Chipset**
 - ♦ ALI M1487/M1489.
- **Clock/Calendar**
 - ♦ Dallas 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 24MB Flash memory disk
- **Power Requirement**
 - ♦ +5V @ 5.0A

- **Board Dimension**

- ♦ 338 (L) x 122 (W) mm.

- **Operating Temperature**

- ♦ 0 to 60 °C.

- **Connector**

- ♦ Support Mini DIN, 5 pin header & PS/2 type keyboard connector
- ♦ Support external power connector

Additional Functionality

- **On Board VGA Display**

- ♦ Cirrus-Logic GD5446 VGA controller with PCI 2.1 compliant GUI accelerator & video playback
- ♦ On board video memory 1MB, can upgrade to 2MB.
- ♦ Maximum resolution : 1280x1024(256 color)/60Hz

Ordering Guide

- **P-420**

- ♦ AIO 486 SBC with VGA display and socket for DiskOnChip.