

## Overview

Based on an ISA/VL-bus, the 486-GIO-VP mainboard empowers any high-end system to exploit a wide-range of hardware and software capabilities and applications. The board's special feature is the VIA GMC chipset, a highly integrated single chipset that supports write-back and SMD4 (System Management Mode) CPUs, multi-master operations and provides built-in power management features ideal for Green PCs. This chapter gives you a brief overview of this mainboard, providing basic information on its major parts and components.

## Specifications

The 486-GIO-VP mainboard comes with the following features:

- Supports Intel 80486SX/DX/DX2/P24T/486S-series/CX486SX CPU microprocessor in PGA packages.
- VIA GMC VT82C486A PC/AT chipset includes built-in 8042 keyboard controller.
- Award BIOS.
- Supports 64/128/256K direct-mapped write-back/write-through cache memory.
- 30 - and 72 - pin SIMM sockets supports 1 up to 96MB DRAM for 486 system and provides page mode DRAM operation.
- Supports system and video BIOS cacheable and shadow.
- Supports decoupled DRAM refresh.
- Optional built-in ZIF socket that accepts Intel's OverDrive™ processors.
- Six 16-bit ISA expansion slots.