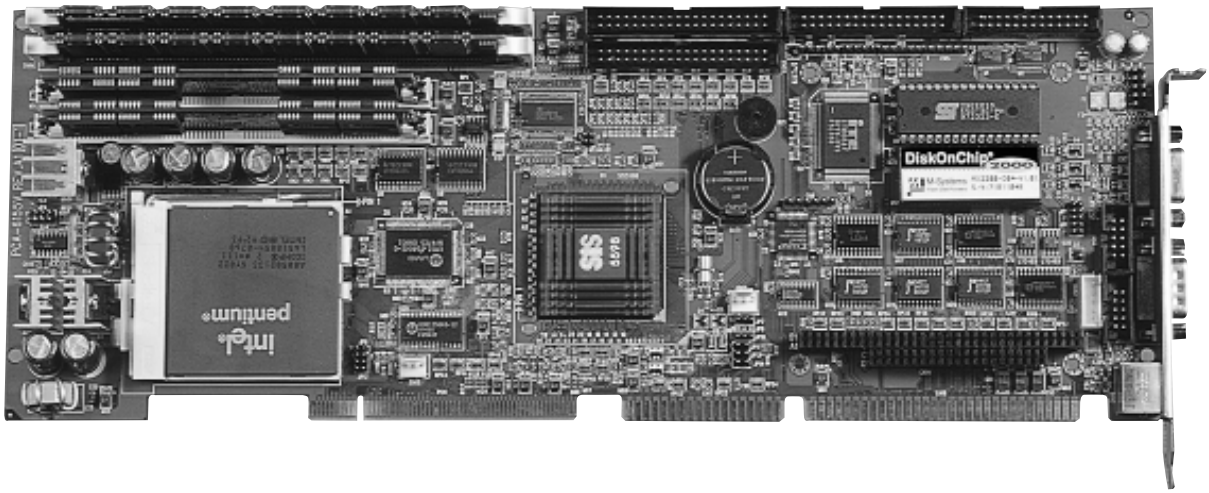
PCA-6155V

Pentium® MMX SBC with VGA/SSD



Features

- Accepts Intel® Pentium® up to 233 MHz, MMX, AMD K5/K6, K6-2 and Cyrix MI, MX, IDT C6 processors
- On-board PCI SVGA
- Supports M-Systems' DiskOnChip® 2000 Flash disk
- Supports 2 DIMM or 2 SIMM memory modules
- Supports PC/104 expansion connector

Specifications

- **CPU:** Intel® Pentium® processors up to 233 MHz, P55C, AMD K5/K6, K6-2, Cyrix 6x86, 6x86MX and IDT C6
- **Chipset:** SiS 5598
- **2nd level cache:** 512 KB pipeline burst SRAM
- **BIOS:** Award 1 Mb Flash memory; supports Plug and Play
- **Green function:** Features power management option via BIOS, activated by keyboard or mouse activity. Supports doze, standby and suspend modes. APM 1.1 compliant
- **RAM:**
  - Two 72-pin SIMM sockets. Supports 32-bit FP or EDO DRAM with memory capacity up to 128 MB
  - Two 168-pin DIMM sockets. Supports 64-bit 3.3 V FP, EDO or SDRAM with memory capacity up to 256 MB
- **PCI IDE interface:** Two enhanced IDE interfaces, supports 4 IDE devices, PIO modes 3, 4 with bus mastering up to 16.67 MB/sec and Ultra DMA mode up to 33 MB/sec
- **Serial ports:** One RS-232, one RS-232/422/485 interface
- **USB:** Two USB ports
- **Keyboard & PS/2 mouse connector:** A 6-pin mini-DIN connector is located on the mounting bracket for easy connection to a keyboard or PS/2 mouse. An on-board keyboard pin header connector is also available
- **Watchdog timer:** Can generate a system reset or IRQ 15. Software enabled/disabled. Programmable from 1 to 62 seconds.
- **PC/104 expansion:** 104-pin, 16-bit PC/104 module connector

VGA Function

- **Controller:** SiS 5598 VGA built-in
- **Display memory:** Shares system RAM 1 ~ 4 MB
- **Display resolution:** Supports resolutions up to 1024 x 768. Non-interlaced CRT monitor resolutions up to 1024 x 768 @ 256 colors. True-color and Hi-color display capability

Solid State Disk (SSD)

- Supports M-Systems' DiskOnChip® 2000 Flash disk, up to 144 MB

Mechanical and Environmental Specifications

- **Power supply voltage:** +5 V, ±12 V
- **Operating temperature:** 0 ~ 60° C (32 ~ 140° F)
- **Board size:** 338 x 122 mm (13.3" x 4.8")

Ordering Information

❑ **PCA-6155V-0000**
Pentium® MMX processor-based PCI/ISA-bus full-size CPU card with VGA