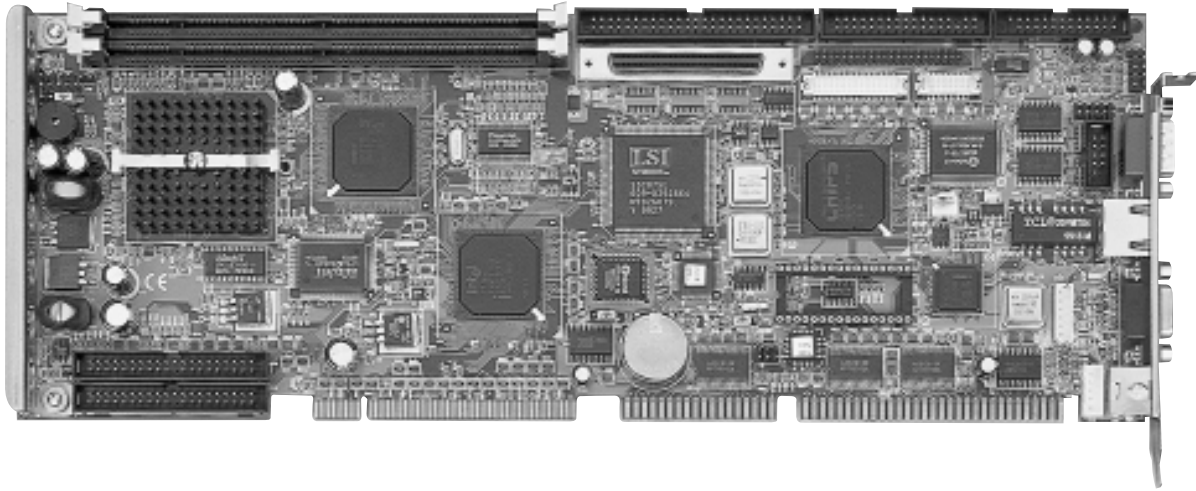


PCA-6359

Pentium® MMX SBC
with VGA/LCD/LAN/SCSI



Features

- On-board low-power Intel® MMX 266 MHz CPU
- Intel® 430TX chipset
- 512 KB PB SRAM cache memory
- On-board PCI SVGA for CRT/LCD display with 2 MB VGA RAM
- 10/100Base-T Ethernet
- Ultra Wide SCSI
- Support DOC® 2000 up to 144 MB
- CMOS automatic backup and restore to prevent accidental data loss of BIOS setup

Specifications

- **CPU:** On-board low-power Intel® Pentium® MMX CPU 266 MHz
- **Chipset:** Intel® 430TX
- **2nd level cache:** 512 KB PB SRAM
- **BIOS:** AWARD 2 Mb
- **RAM:** Two DIMM sockets support SDRAM memory modules from 16 MB 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
- **HISA:** ISA-bus high driving capacity up to 64 mA on all data, address and control line. (Optional)
- **Floppy disk drive interface:** Supports up to two floppy disk drives: 3.5" and/or 5.25"
- **Parallel port:** One parallel port, supports SPP/EPP/ECP
- **Serial ports:** Two RS-232 ports with 16C550 UARTs (or compatible) with 16-byte FIFO buffer. Supports speeds up to 115.2 Kbps. Ports can be individually configured to COM1, COM2 or disabled

- **USB:** Two USB ports
- **Keyboard and 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 IRQ11, programmable from 1 sec. to 63 sec.
- **VGA controller:** C&T 69000, supports CRT & LCD display types. 2 MB SDRAM built-in
- **LAN:** Supports 10/100Base-T Ethernet networking Controller: Intel® 82559ER
- **PCI SCSI:** Ultra Wide SCSI data transfer rate up to 40 MB/sec. Chipset: Symbios SYM53C875E
- **Solid state disk:** Supports M-Systems' DOC® 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)
- **Size:** 338 x 122 mm (13.3" x 4.8")

Ordering Information

- ☐ **PCA-6359L**
Pentium® MMX 266 PCI/ISA-bus full-size CPU card
- ☐ **PCA-6359V**
Pentium® MMX 266 PCI/ISA-bus full-size CPU card with VGA/LCD
- ☐ **PCA-6359VE**
Pentium® MMX 266 PCI/ISA-bus full-size CPU card with VGA/LCD/LAN
- ☐ **PCA-6359F**
Pentium® MMX 266 PCI/ISA-bus full-size CPU card with VGA/LCD/LAN/SCSI

