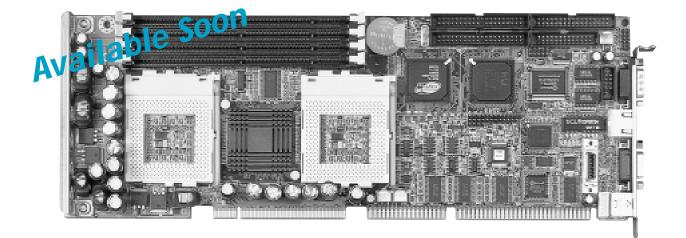# PCA-6276

Dual Socket 370 Celeron™ SBC with VGA/LAN

Available Soon

Features

- Dual socket 370 Celeron™ processor up to 700 MHz
- Intel 82440BX PCI set, supports FSB 100 MHz
- Four DIMM sockets for SDRAM up to 1 GB, supports ECC
- On-board security for CPU fan, thermal and voltage monitoring
- On-board VGA/AGP with 4 MB SGRAM
- On-board 10/100Base-T networking controller
- ISA High Drive 64 mA (HISA)
- CMOS automatic backup and restore to prevent accidental data loss of BIOS setup

Specifications

- **CPU:** Intel® dual Celeron™ up to 700 MHz
- **2nd level cache:** 128 KB on CPU full-speed cache
- **Chipset:** Intel 82440BX, supports 66/100 MHz FSB
- **BIOS:** Award Flash BIOS 2 Mb
- **Bus interface:** PCI/ISA bus, PICMG compliant
- **RAM:** Four 168-pin DIMM sockets up to 1 GB SDRAM support ECC
- **LAN:** Supports 10/100Base-T Ethernet networking
  Controller: Intel® 82559
- **VGA/AGP:** Supports AGP 2X, 133 MHz
  Controller: ATI Rage XL
  On-board 4 MB SGRAM (optional 8 MB upon request)
- **HISA:** ISA bus high driving capability up to 64 mA on all data, address and control lines
- **Floppy disk drive interface:** Supports up to two floppy disk drives. BIOS enabled/disabled. Also supports Japanese "Floppy 3" mode

- **PCI IDE interface:** Two enhanced IDE interface, 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
- **Enhanced parallel port:** Configurable to LPT1, LPT2, LPT3 or disabled. 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.

Mechanical and environmental specifications

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

Ordering Information

- ❑ **PCA-6276V**
  Dual Celeron™ processor-based PCI/ISA-bus full-size CPU card with HISA/VGA(AGP)

- ❑ **PCA-6276VE**
  Dual Celeron™ processor-based PCI/ISA-bus full-size CPU card with HISA/VGA(AGP)/LAN