

# PCA-6178-C

**Socket 370 Pentium® III/Celeron® Processor Card with VGA/FE LAN**



## Features

- Socket 370 Pentium® III/Celeron® up to 1.0 GHz/1.1 GHz
- Intel® 440BX chipset 66/100 FSB
- Onboard high performance AGP 2X VGA with 8 MB SDRAM
- Supports 10/100Base-T Ethernet
- CMOS automatic backup and restore to prevent accidental data loss of BIOS setup data

## Specifications

|                          |                    |                                              |                           |
|--------------------------|--------------------|----------------------------------------------|---------------------------|
| Processor System         | CPU                | Intel Pentium III                            | Intel Celeron             |
|                          | Max. Speed         | 1.0 GHz                                      | 1.1 GHz                   |
|                          | L2 Cache           | 256 KB                                       | 128 KB                    |
|                          | Chipset            | Intel 440BX                                  |                           |
|                          | BIOS               | Award 2 Mbit Flash                           |                           |
|                          | Front Side Bus     | 66/100 MHz                                   |                           |
| Bus                      | PCI                | 32-bit/33 MHz                                |                           |
|                          | ISA                | HISA (ISA high drive)                        |                           |
| Memory                   | Technology         | PC-100 SDRAM with ECC support                |                           |
|                          | Max. Capacity      | 768 MB                                       |                           |
|                          | Socket             | 168-pin DIMM x 3                             |                           |
| Graphics                 | Controller         | ATI RAGE XL (AGP 2x)                         |                           |
|                          | VRAM               | 8 MB                                         |                           |
| Ethernet                 | Interface          | 10/100Base-T                                 |                           |
|                          | Controller         | Intel 82551ER                                |                           |
|                          | Connector          | RJ-45                                        |                           |
| EIDE                     | Mode               | ATA 33                                       |                           |
|                          | Channel            | 2 (Max. 4 devices)                           |                           |
| I/O Interface            | USB                | Max. 2 (USB 1.1 compliant)                   |                           |
|                          | Serial             | 2 (RS-232)                                   |                           |
|                          | Parallel           | 1 (SPP/EPP/ECP)                              |                           |
|                          | FDD                | 1                                            |                           |
|                          | PS/2               | 1 (for mouse and keyboard, Y cable included) |                           |
| Watchdog Timer           | Output             | Interrupt, system reset                      |                           |
|                          | Interval           | Programmable, 1 ~ 63 sec.                    |                           |
| Miscellaneous            | Solid State Disk   | M-systems DOC 2000 (144 MB)                  |                           |
|                          | Typical            | Pentium III 700 MHz, 192 MB SDRAM            |                           |
| Power Requirement        | +5 V               | +12 V                                        | -12 V                     |
|                          | 5.2 A              | 0.4 A                                        | 0.1 A                     |
|                          |                    |                                              |                           |
| Environment              | Operating          |                                              | Non-Operating             |
|                          | Temperature        | 0 ~ 60° C (32 ~ 140° F)                      | -20 ~ 70° C (-4 ~ 158° F) |
| Physical Characteristics | Dimensions (W x D) | 338 x 122 mm (13.3" x 4.8")                  |                           |

## Ordering Information

| Part Number      | VGA (AGP) | LAN |
|------------------|-----------|-----|
| PCA-6178L-00C1E  | -         | -   |
| PCA-6178V-00C1E  | Yes       | -   |
| PCA-6178VE-00C1E | Yes       | Yes |

## Bracket View



PCA-6178L-00C1E

PCA-6178VE-00C1E

PCA-6178V-00C1E

## Packing List

| Part Number | Description                       | Quantity |
|-------------|-----------------------------------|----------|
| 1759212600  | CPU fan                           | x 1      |
| 1700340640  | FDD cable                         | x 1      |
| 1701400607  | IDE HDD cable                     | x 2      |
| 1701260305  | Printer + COM cable               | x 1      |
| 1700000450  | ATX-to-PS/2 power cable           | x 1      |
| 1700060202  | Y cable for PS/2 mouse & keyboard | x 1      |
| 9689000068  | Jumper pack                       | x 1      |
| -           | Startup manual                    | x 1      |
| -           | Utility CD                        | x 1      |
| 1700007371  | USB wire                          | x 1      |

## Accessories

| Part Number | Description            |
|-------------|------------------------|
| 1700100170  | USB cable with 2 ports |