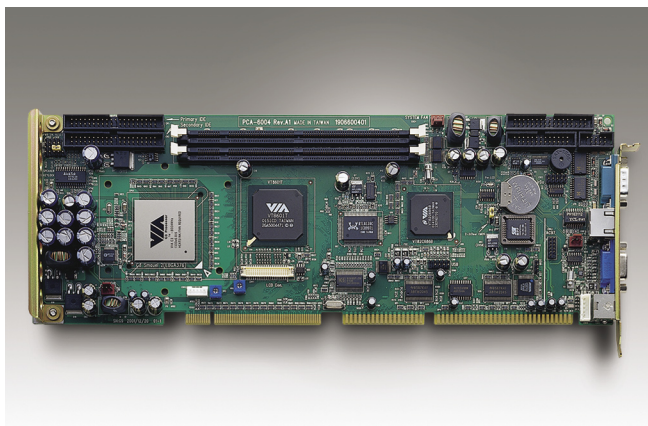


# PCA-6004-A2

Low-Voltage VIA C3 800 MHz Card with  
VGA/LAN/HISA/LCD (133 MHz FSB)



## Features

- Embedded low-voltage C3 800 MHz CPU
- Fanless operation (external cooling required)
- VIA Apollo PLE133T chipset, 133 MHz FSB
- Dual DIMM sockets for SDRAM up to 1 GB
- Onboard AGP/VGA
- Onboard 10/100Base-T networking controller
- Optional ISA high drive (HISA)

## Specifications

|                   |                |                                                                                |       |                           |       |
|-------------------|----------------|--------------------------------------------------------------------------------|-------|---------------------------|-------|
| Processor System  | CPU            | VIA Low-Voltage C3 EBGA                                                        |       |                           |       |
|                   | Max. Speed     | 800 MHz                                                                        |       |                           |       |
|                   | L2 Cache       | L1 128 KB, L2 64 KB                                                            |       |                           |       |
|                   | Chipset        | VIA Apollo PLE 133T + 686 B                                                    |       |                           |       |
|                   | BIOS           | Award 2 Mb Flash                                                               |       |                           |       |
| Bus               | Front Side Bus | 133 MHz                                                                        |       |                           |       |
|                   | PCI            | 32-bit/33 MHz                                                                  |       |                           |       |
|                   | ISA            | HISA (ISA high drive), only for PCA-6004H-00A1                                 |       |                           |       |
| Memory            | Technology     | PC-133/100 SDRAM                                                               |       |                           |       |
|                   | Max. Capacity  | 1 GB                                                                           |       |                           |       |
|                   | Socket         | 168-pin DIMM x 2                                                               |       |                           |       |
| Graphic           | Controller     | Chipset integrated VGA controller                                              |       |                           |       |
|                   | VRAM           | Shared system memory up to 8 MB                                                |       |                           |       |
|                   | LCD            | Optional 18-bit TFT LCD support                                                |       |                           |       |
| Ethernet          | Interface      | 10/100Base-T                                                                   |       |                           |       |
|                   | Controller     | RTL8139C                                                                       |       |                           |       |
|                   | Connector      | RJ-45                                                                          |       |                           |       |
| EIDE              | Mode           | ATA 100/66/33                                                                  |       |                           |       |
|                   | Channel        | 2 (Max. 4 devices)                                                             |       |                           |       |
| I/O Interface     | USB            | 2 (USB 1.1 compliant)                                                          |       |                           |       |
|                   | Serial         | 2 (RS-232)                                                                     |       |                           |       |
|                   | Parallel       | 1 (SPP/EPP)                                                                    |       |                           |       |
|                   | FDD            | 1                                                                              |       |                           |       |
|                   | PS/2           | 1 (for mouse and keyboard, Y cable included)                                   |       |                           |       |
| Watchdog Timer    | Output         | Interrupt, system reset                                                        |       |                           |       |
|                   | Interval       | Programmable, 1 ~ 63 sec.                                                      |       |                           |       |
| Miscellaneous     | Audio Output   | AC-97 audio interface (requires an audio extension module P/N: PCA-AUDIO-00A1) |       |                           |       |
| Power Requirement | Typical        | 128 MB SDRAM                                                                   |       |                           |       |
|                   |                | +5 V                                                                           | -5 V  | +12 V                     | -12 V |
|                   |                | 3.1 A                                                                          | 0.1 A | 0.1 A                     | 0.2 A |
| Environment       |                | Operating                                                                      |       | Non-Operating             |       |
|                   | Temperature    | 0 ~ 60 °C (32 ~ 140 °F)                                                        |       | -20 ~ 70 °C (-4 ~ 158 °F) |       |
| Physical          | Dimensions     | 338 x 122 mm (13.3" x 4.8")                                                    |       |                           |       |

## Ordering Information

| Part Number     | HISA | VGA | LAN | LCD |
|-----------------|------|-----|-----|-----|
| PCA-6004V-00A2  | --   | V   | --  | --  |
| PCA-6004VE-00A2 | --   | V   | V   | --  |
| PCA-6004H-00A2  | V    | V   | V   | V   |

## Packing List

|                                     |     |            |
|-------------------------------------|-----|------------|
| ▪ FDD cable                         | X 1 | 1700340640 |
| ▪ IDE HDD cable                     | X 2 | 1701400452 |
| ▪ Printer + COM cable               | X 1 | 1701260305 |
| ▪ Y cable for PS/2 mouse & keyboard | X 1 | 1700060202 |
| ▪ Jumper pack                       | X 1 | 9689000068 |
| ▪ Startup manual                    | X 1 | --         |
| ▪ Utility CD                        | X 1 | --         |

## Accessory Options

|                          |                |
|--------------------------|----------------|
| ▪ USB cable with 2 ports | 1700100170     |
| ▪ Audio extension module | PCA-AUDIO-00A1 |