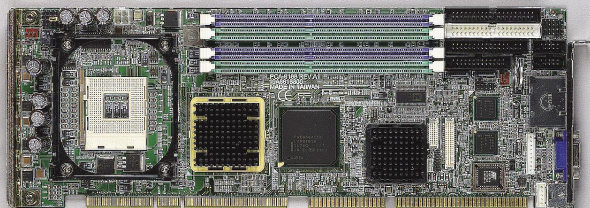


PCA-6188

Socket 478 Pentium® 4/Celeron® Processor Card with 64-bit PCI-X/VGA/ Dual Gigabit LAN/HISA (400/533/800 MHz FSB)

NEW



CE FCC

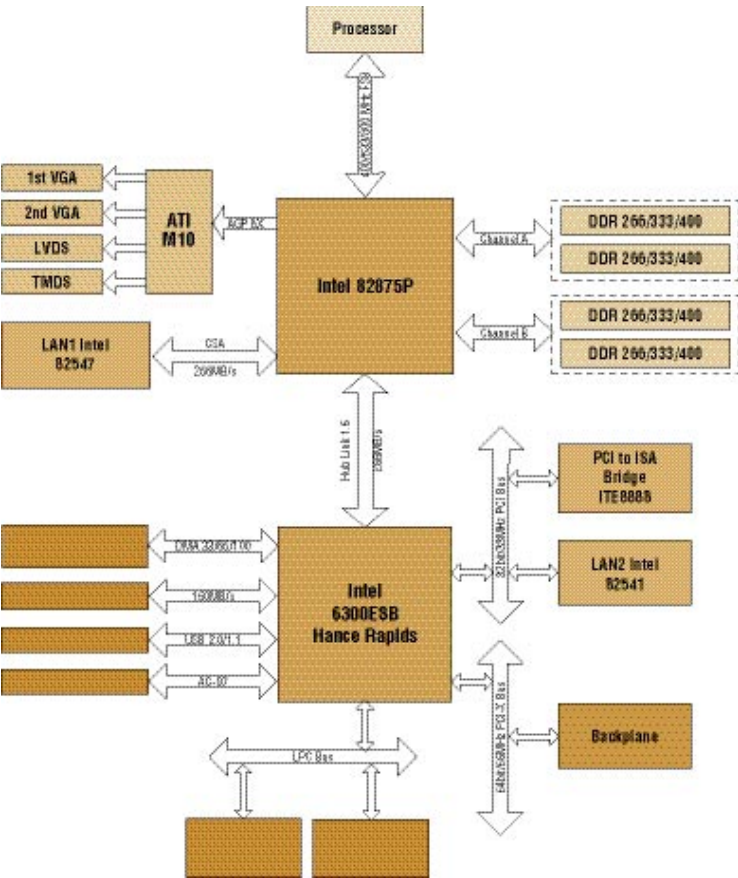
Features

- Supports up to 2 Serial-ATA devices
- Supports Dual Channel DDR 400 SDRAM
- Intel® 875P chipset 400/533/800 MHz FSB
- Onboard AGP 8X ATI Mobility Radeon 9600 Pro VGA controller, 64MB DDR SDRAM integrated
- Supports dual display, LVDS and DVI
- 64-bit, 66MHz PCI-X
- Supports 10/100/1000Base-T Ethernet
- 4 USB 2.0 ports
- CMOS automatic backup and restore to prevent accidental data loss of BIOS setup
- HISA (ISA high drive) support

Specifications

| | | | | |
|-------------------|--------------------------|--|--------------------------|-------|
| Processor System | CPU (0.13 & 0.09 micron) | Intel Pentium 4 | Intel Celeron | |
| | Max. Speed | 3.06 GHz (533 FSB), 3.2 GHz (800 FSB) * Vcore 1.75 V CPU (Willamete) not supported | 2.4 GHz | |
| | L2 Cache | 512/256 KB | 128 KB | |
| | Chipset | Intel® 875P + 6300ESB | | |
| | BIOS | Award 4 Mb FWH | | |
| Bus | Front Side Bus | 400/533/800 MHz | | |
| | PCI | 64-bit/33/66MHz PCI, 66MHz PCI-X | | |
| | ISA | HISA (ISA high drive), no DMA support | | |
| Memory | Technology | Dual Channel DDR266/333/400 SDRAM with ECC support | | |
| | Max. Capacity | 4 GB | | |
| | Socket | 184-pin DIMM x 4 | | |
| Graphic | Controller | ATI Mobility Radeon 9600 Pro (AGP 8X) | | |
| | VRAM | 64MB DDR SDRAM integrated | | |
| | Video Output | 1 CRT1, 2048 x 1536, up to 200Hz vertical rate | | |
| | | 1 CRT2, 2048 x 1536, up to 200Hz vertical rate 1 LVDS, dual 115MHz interface, 2048 x 1536@60Hz 1 DVI, 1600 x 1200@60Hz, 165MHz | | |
| Ethernet | Interface | 10/100Base-T; 10/100/1000Base-T (optional) | | |
| | Controller | LAN 1: Intel 82547GI (Gigabit, CSA) LAN 2: Intel 82541GI (Gigabit) | | |
| | Connector | RJ-45 x 2 | | |
| SATA | Max. Data Transfer Rate | 150MB/Sec. | | |
| | Channel | 2 | | |
| EIDE | Mode | ATA 100/66/33 | | |
| | Channel | 2 (Max. 4 devices) | | |
| I/O Interface | USB | Max. 4 (USB 2.0 compliant) | | |
| | Serial | 2 (RS-232) | | |
| | Parallel | 1 (SPP/EPP/ECP) | | |
| | FDD | 1 | | |
| | PS/2 | 1 | | |
| Watchdog Timer | Output | Interrupt, system reset | | |
| | Interval | Programmable 1~255 sec. | | |
| Miscellaneous | Audio Output | AC-97 audio interface (requires an audio extension module P/N: PCA-AUDIO-00A1) | | |
| Power Requirement | Typical | Pentium4 | | |
| | | +5 V | -5 V | +12 V |
| Environment | Temperature | Operating | Non-Operating | |
| | | 0~60 °C (32~140 °F), depends on CPU's speed | -20~70 °C (-40 ~ 158 °F) | |
| Physical | Dimensions | 338 x 122 mm (13.3" x 4.8") | | |

Block Diagram



Ordering Information

| Part Number | Fast Ethernet LAN | Gigabit LAN |
|-----------------|-------------------|-------------|
| PCA-6188VG-00A1 | -- | Single |
| PCA-6188G2-00A1 | -- | Dual |

Packing List

| | | |
|-------------------------------------|-----|------------|
| ▪ FDD cable | X 1 | 1700340640 |
| ▪ IDE HDD cable | X 2 | 1701400452 |
| ▪ Serial ATA HDD data cable | X 2 | 1700071000 |
| ▪ Serial ATA HDD power cable | X 2 | 1703150102 |
| ▪ ATX 12V power converter cable | X 1 | 170304015K |
| ▪ Printer + COM cable | X 1 | 1701260305 |
| ▪ 4 USB ports extension cable kit | X 1 | |
| ▪ 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

| | |
|--|----------------|
| ▪ CPU cooler for Pentium 4 up to 2.8 GHz, for 1U chassis | 1759214200 |
| ▪ Audio extension module | PCA-AUDIO-00A1 |