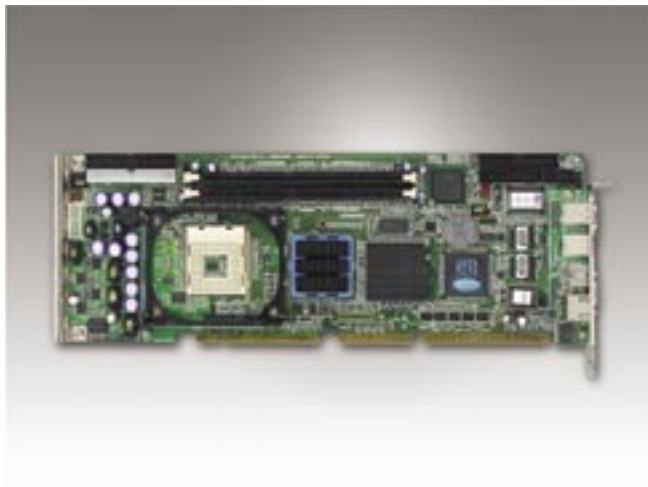


# PCA-6184

**Socket 478 Pentium® 4/Celeron® Processor Card with VGA/  
Dual LAN/HISA (400/533 MHz FSB)**



CE FCC

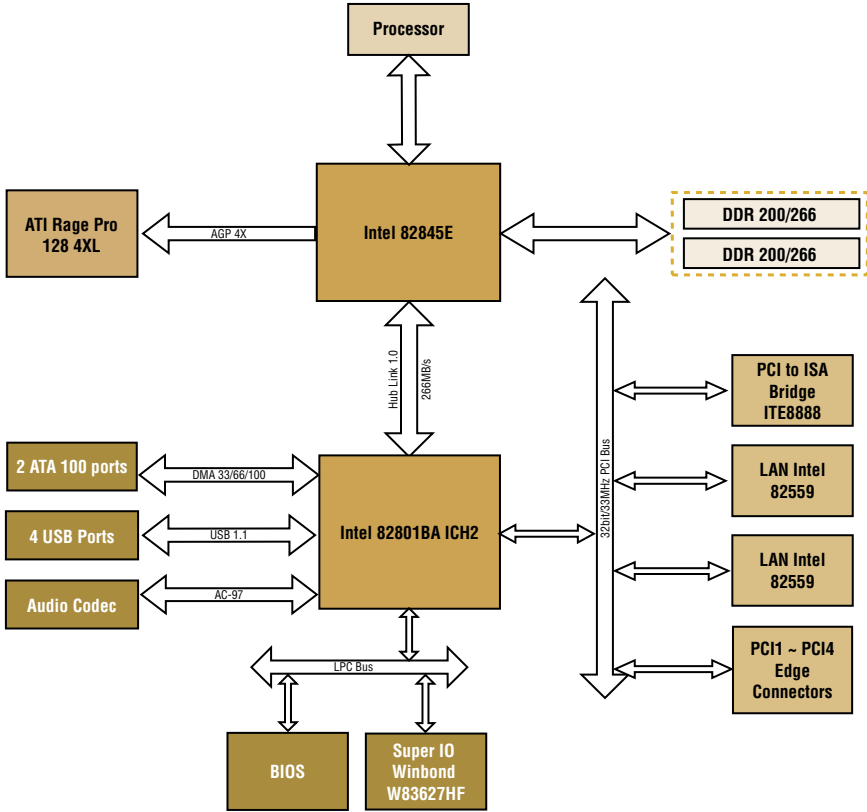
## Features

- Socket 478 Intel® Pentium® 4/ Celeron® up to 3.06 GHz.
- Supports Intel Hyper-Threading Technology
- Intel 845E chipset 400/533 MHz FSB
- Onboard high performance AGP 4X VGA with 32 MB SDRAM
- Supports dual 10/100Base-T Ethernet
- AC-97 Audio Interface
- CMOS automatic backup and restore to prevent accidental data loss of BIOS setup
- HISA (ISA high drive) support

## Specifications

Processor System	CPU	Intel Pentium 4	Intel Celeron		
	Max. Speed	3.06 GHz	2.4 GHz		
	L2 Cache	512/256 KB	128 KB		
	Chipset	Intel 845E + ICH2			
	BIOS	Award 4 Mb FWH			
Bus	Front Side Bus	400/533 MHz			
	PCI	32-bit/33 MHz			
	ISA	HISA (ISA high drive)			
Memory	Technology	DDR200/266 SDRAM with ECC support			
	Max. Capacity	2 GB			
	Socket	184-pin DIMM x 2			
Graphic	Controller	ATI RAGE Pro 128 4XL (AGP 4X)			
	VRAM	32 MB SDRAM			
Ethernet	Interface	10/100Base-T			
	Controller	Intel 82559 x 2			
	Connector	RJ-45 x 2			
EIDE	Mode	ATA 100/66/33			
	Channel	2 (Max. 4 devices)			
I/O Interface	USB	Max. 4 (USB 1.1 compliant), 4 ports onboard for E2 version			
	Serial	2 (RS-232)			
	Parallel	1 (SPP/EPP/ECP)			
	FDD	1			
	PS/2	1 (for L, V, VE versions), 2 (for E2 version)			
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)			
	Typical	Pentium 4 2.8G (533MHz), 512MB DDR266 SDRAM			
Power Requirement		+5 V	-5 V	+12 V	-12 V
		12.38 A	0.1 A	0.5 A	0.2 A
Environment		Operating		Non-Operating	
	Temperature	0~60 °C (32~140 °F), depends on CPU's speed		-20~70 °C (-4 ~ 158 °F)	
Physical	Dimensions	338 x 122 mm (13.3" x 4.8")			

**Block Diagram**



**Ordering Information**

Part Number	HISA	VGA (AGP)	LAN
PCA-6184V-00A2	V	V	--
PCA-6184VE-00A2	V	V	Single
PCA-6184E2-00A2	V	V	Dual
PCA-6184L-00A2	V	--	--

**Packing List**

- FDD cable X 1 1700340640
- IDE HDD cable X 2 701400452
- Printer + COM cable X 1 1701260305
- Y cable for PS/2 mouse & keyboard X 1 1700060202
- Jumper pack X 1 9689000068
- Single slot bracket (E2 versions only) X 1 --
- Startup manual X 1 --
- Utility CD X 1 --

**Accessory Options**

- USB cable with 2 ports 1700100170
- USB extension module with 4 ports (only for V, VE versions) PCA-USB4-00A1
- CPU cooler for Pentium 4 up to 2.8 GHz, for 1U chassis 1759214200
- Audio extension module PCA-AUDIO-00A1