

# PCA-6006

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



## Features

- Socket 478 Pentium 4 / Celeron up to 3.06/2.2 GHz
- Support Intel Hyper-Threading Technology
- Intel 845GV Chipset 400/533MHz FSB
- Onboard integrated VGA controller, shared memory architecture
- Supports 10/100Base-T Ethernet
- 2 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	Pentium 4	Celeron
	Max. Speed	3.06 GHz	2.2 GHz
	L2 Cache	512/256 KB	128 KB
	Chipset	Intel 845GV	
	BIOS	Award 4Mb FWH	
Bus	Front Side Bus	400/533 MHz	
	PCI	32-bit/33MHz	
	ISA	HISA (ISA high drive)	
Memory	Technology	DDR 200/266 SDRAM	
	Max. Capacity	2 GB	
	Socket	184-pin DIMM x 2	
Graphic	Controller	Chipset integrated VGA controller	
	VRAM	Dynamically shared system memory 8~64 MB	
Ethernet	Interface	10/100Base-T	
	Controller	Intel 82562	
	Connector	RJ-45 x1	
EIDE	Mode	ATA 100/66/33	
	Channel	2 (Max. 4 devices)	
I/O Interface	USB	2 (USB 2.0 compliant)	
	Serial	2 (RS-232)	
	Parallel	1 (SPP/EPP/ECP)	
	FDD	1	
	PS/2	1	
Watchdog Timer	Output	Interrupt, system reset	

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	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	Pentium 4 2.0GHz, 256MB DDR SDRAM +5V 8.7A	+12V 310mA
Environment	Temperature	Operating 0 ~ 60 °C (32 ~ 140 °F), depends on CPU's speed	Non-Operating -20 ~ 70 °C (-4 ~ 158 °F)
Physical	Dimensions	338 x 122 mm (13.3" x 4.8")	

## Ordering Information

Model Name	HISA	VGA	Fast Ethernet LAN
PCA-6006LV-00A1	V	V	--
PCA-6006VE-00A1	V	V	Single

## Packing List

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

## Accessory Options

USB cable with 2 ports	1700100170
CPU cooler for Pentium 4 up to 2.53 GHz, for 1U chassis	1759252100
Audio extension module	PCA-AUDIO-00A1

