

# PCA-6004 Low-power CPU Cards

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

## Features

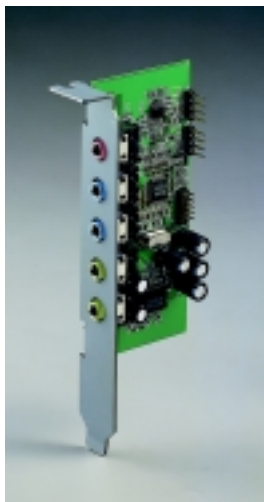
- Embedded low-power C3 800 MHz CPU
- Fanless operation (external cooling required)
- VIA Apollo PLE133T chipset, 133 MHz FSB
- Two DIMM sockets for SDRAM up to 1 GB
- On-board AGP/VGA
- On-board 10/100 Base-T networking controller
- Optional ISA high drive (HISA)

NEW



## Specifications

Processor System	CPU	VIA C3 EBGA	
	Max. Speed	800 MHz	
	Cache	L1 128 KB, L2 64 KB	
	Chipset	VIA Apollo PLE133T	
Bus	BIOS	Award 2 Mb Flash	
	Front Side Bus	133 MHz	
	PCI	32-bit/33 MHz	
	ISA	HISA (ISA high drive), optional only for PCA-6004H-00A1	
Memory	Technology	PC-133/100 SDRAM with ECC	
	Max. Capacity	1 GB	
	Socket	168-pin DIMM x2	
Graphic	Controller	AGP 2X	
	VRAM	Share system memory up to 8 MB	
	LCD	Optional 18-bit TFT LCD support	
Ethernet	Interface	10/100 Base-T	
	Controller	RTL8139C	
	Connector	RJ-45	
EIDE	Mode	PIO Mode 4, Ultra DMA/100/66/33	
	Channel	2 (Max. four devices)	
I/O Interface	USB	2 (USB 1.0 compliant)	
	Serial	2 (RS-232)	
	Parallel	1 (SPP/EPP)	
	FDD	2	
	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 +12 V 3.1 A 110 mA	
Environment	Temperature	Operating	Non-Operating
		0 ~ 60 °C (32 ~ 140 °F)	-20 ~ 70 °C (-4 ~ 158 °F)
Physical	Dimensions	338 x 122 mm (13.3" x 4.8")	



PCA-AUDIO-00A1  
Audio extension module

## Ordering Information

Model Name	HISA	VGA (AGP)	LAN	LCD
PCA-6004V-00A1	--	v	--	--
PCA-6004VE-00A1	--	v	v	--
PCA-6004H-00A1	v	v	v	v

## Accessory Options

USB cable	1700100170
Audio extension module provides Line in, MIC in, Aux in, Line out, Speaker out, CD in and buzzer in from CPU card	PCA-AUDIO-00A1

## Packing List

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	--

Full-sized CPU Cards