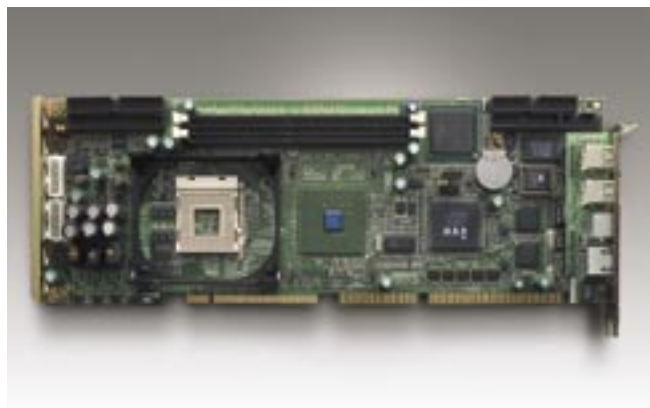


# PCA-6186

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



### Features

- Socket 478 Pentium® 4/Celeron® up to 3.06/2.4 GHz
- Supports Intel® Hyper-Threading® Technology
- Intel 845GV chipset 400/533 MHz FSB
- Onboard integrated VGA controller, shared memory architecture
- Supports dual 10/100Base-T Ethernet or dual 10/100/1000Base-T Ethernet
- 6 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	Intel Pentium 4	Intel Celeron
	Max. Speed	3.06 GHz	2.4 GHz
	L2 Cache	512/256 KB	128 KB
	Chipset	Intel 845 GV + ICH4	
	BIOS	Award 4 Mb FWH	
Bus	Front Side Bus	400/533 MHz	
	PCI	32-bit/33 MHz	
	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; 10/100/1000Base-T (optional)	
	Controller	LAN 1: Intel 82562(FE); Intel 82540(Gigabit), LAN 2: Intel 82551(FE); Intel 82540(Gigabit)	
	Connector	RJ-45 x 2	
EIDE	Mode	ATA 100/66/33	
	Channel	2 (Max. 4 devices)	
I/O Interface	USB	Max. 6 (USB 2.0 compliant), 4 ports onboard for E2, G2 versions	
	Serial	2 (RS-232)	
	Parallel	1 (SPP/EPP/ECP)	
	FDD	1	
	PS/2	1 (for LV, VE, VG, G2 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 GHz, 256 MB DDR SDRAM	
Power Requirement		+5 V	-5 V
		8.7 A	0.1 A
			+12 V
Environment			0.3 A
Physical	Temperature	Operating	Non-Operating
	Dimensions	0 ~ 60° C (32 ~ 140° F), depends on CPU's speed	-20 ~ 70° C (-4 ~ 158° F)

### Ordering Information

Part Number	HISA	VGA	Fast Ethernet LAN	Gigabit LAN
PCA-6186LV-00A1	V	V	--	--
PCA-6186VE-00A1	V	V	Single	--
PCA-6186E2-00A1	V	V	Dual	--
PCA-6186VG-00A1	V	V	--	Single
PCA-6186G2-00A1	V	V	--	Dual

### 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 (LV, VE, VG, G2 versions only)	X 1	1700060202
▪ Jumper pack	X 1	9689000068
▪ Single slot bracket (E2, G2 versions only)	X 1	1962159010
▪ Startup manual	X 1	--
▪ Utility CD	X 1	-

### Accessory Options

▪ USB cable with 2 ports	1700100170
▪ USB extension module with 4 ports (only for LV, VG, 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