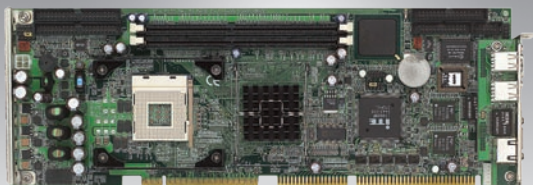


# PCA-6186-B

## Socket 478 Pentium® 4/Celeron® D/Celeron Processor Card with VGA/Dual GbE LAN



### Features

- Socket 478 Pentium® 4/Celeron® D/Celeron up to 3.06/3.06/2.8 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
- Six USB 2.0 ports
- CMOS automatic backup and restore to prevent accidental data loss of BIOS setup



### Specifications

Processor System	CPU	Intel Pentium 4	Intel Celeron D	Intel Celeron
	Max. Speed	3.06 GHz	3.06 GHz	2.8 GHz
	L2 Cache	256/512 KB	256 KB	128 KB
	Chipset	Intel 845 GV + ICH4		
	BIOS	Award 4 Mbit FWH		
Bus	Front Side Bus	400/533 MHz		
	PCI	32-bit/33 MHz		
Memory	ISA	HISA (ISA high drive)		
	Technology	DDR 200/266/333 SDRAM		
	Max. Capacity	2 GB		
Graphics	Socket	184-pin DIMM x 2		
	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 82541 (Gigabit); LAN 2: Intel 82551 (FE); Intel 82541 (Gigabit)		
EIDE	Connector	RJ-45 x 2		
	Mode	ATA 100/66/33		
I/O Interface	Channel	2 (Max. 4 devices)		
	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		
Watchdog Timer	PS/2	1 (for LV, VE, VG, G2 versions), 2 (for E2 version)		
	Output Interval	Interrupt, system reset Programmable, 1 ~ 255 sec.		
Miscellaneous	Audio Output	AC97 audio interface (requires an audio extension module P/N: PCA-AUDIO-00A1E)		
Power Requirement	Typical	Pentium 4 2.8 GHz 533 MHz, DDR 333 1 GB x 2		
		+5 V (3.23 A)	-5 V (0.1 A)	+12 V (4.64 A)
Environment	Operating			-12 V (0.2 A)
	Temperature	0 ~ 60° C (32 ~ 140° F), depends on CPU's speed	Non-Operating	-20 ~ 70° C (-4 ~ 158° F)
Physical Characteristics	Dimensions (W x D)	338 x 122 mm (13.3" x 4.8")		

### Ordering Information

Part Number	VGA	Fast Ethernet LAN	Gigabit LAN
PCA-6186LV-00B2E	Yes	-	-
PCA-6186VE-00B2E	Yes	Single	-
PCA-6186E2-00B2E	Yes	Dual	-
PCA-6186VG-00B2E	Yes	-	Single
PCA-6186G2-00B2E	Yes	-	Dual

### Bracket View



PCA-6186LV-00B2E



PCA-6186VE-00B2E  
PCA-6186VG-00B2E



PCA-6186E2-00B2E



PCA-6186G2-00B2E

### Packing List

Part Number	Description	Quantity
1700340640	FDD cable	x 1
1701400452	IDE HDD cable	x 2
1701260305	Printer + COM cable	x 1
1700060202	Y cable for PS/2 mouse & keyboard (LV, VE, VG, G2 versions only)	x 1
9689000068	Jumper pack	x 1
1962159010	Single slot bracket (E2, G2 versions only)	x 1
-	Startup manual	x 1
-	Utility CD	x 1
170304015K	ATX 12 V power converter cable	x 1
1700007371	USB wire	x 1

### Accessories

Part Number	Description
1700100170	USB cable with 2 ports
PCA-USB4-00A1E	USB extension module with 4 ports
1750000242	CPU cooler for Pentium 4 processor up to 2.5 GHz (70 W)
1750000257	CPU cooler for Pentium 4 processor up to 3.2 GHz (89 W), for 2U or higher chassis
2070000127	Embedded Windows XP Kit