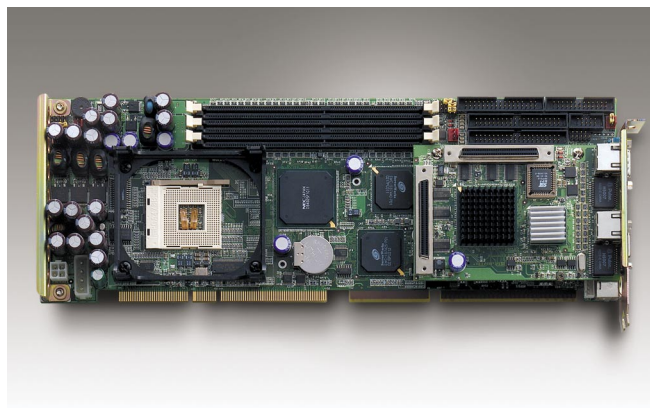


# PCA-6185

**Socket 478 Pentium® 4/Celeron® Processor Card with 64-bit PCI-X/VGA/ Dual Gigabit LAN/SCSI (400/533 MHz FSB)**



## Features

- Socket 478 Pentium® 4/Celeron® up to 3.06 GHz and above
- Supports Intel® Hyper-Threading® Technology
- ServerWorks GC-SL chipset 400/533MHz FSB
- 64-bit, 66 MHz PCI-X
- Onboard VGA controller with 8MB SDRAM
- Onboard single/dual 10/100/1000Base-T Ethernet, BCM5703/5704 controller (64-bit PCI-X)
- Supports dual channel Ultra 320 SCSI (64-bit PCI-X)
- CMOS automatic backup and restore to prevent accidental data loss of BIOS setup
- No ISA 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	ServerWorks GC-SL			
	BIOS	Award 4 Mb Flash			
Bus	Front Side Bus	400/533 MHz			
	PCI	64-bit, 33/66 MHz PCI, 66 MHz PCI-X			
	ISA	Not supported			
Memory	Technology	DDR 200/266 registered SDRAM with ECC support			
	Max. Capacity	4 GB			
	Socket	184-pin DIMM x 3			
Graphic	Controller	ATI Rage XL (PCI)			
	VRAM	8 MB SDRAM			
	Interface	Single or dual 10/100/1000Base-T (PCI-X)			
Ethernet	Controller	Broadcom BCM5703 (single port), Broadcom BCM5704 (dual port)			
	Connector	RJ-45 x 2			
	Interface	Ultra 320 (PCI-X)			
SCSI	Controller	Adaptec AIC-7902			
	Max. Data Transfer Rate	320 MB/sec.			
	Channel	2			
EIDE	Mode	ATA 100/66/33			
	Channel	2 (Max. 4 devices)			
I/O Interface	USB	Max. 4 (USB 1.1 compliant), 2 ports onboard			
	Serial	2 (RS-232)			
	Parallel	1 (SPP/EPP/ECP)			
	FDD	1			
	PS/2	1			
Watchdog Timer	Output	Interrupt, system reset			
	Interval	Programmable, 1 ~ 63 sec.			
Power Requirement	Typical	Pentium 4 2.4 GHz, 1 GB DDR SDRAM			
		+5 V	-5 V	+12 V	-12 V
		2.36 A	0.1 A	5.42 A	0.2 A
Environment	Operating	0 ~ 60 °C (32 ~ 140 °F), depends on CPU's speed	Non-Operating		
	Temperature		-20 ~ 70 °C (-4 ~ 158 °F)		
Physical	Dimensions	338 x 122 mm (13.3" x 4.8")			

## Ordering Information

Part Number	VGA	Gigabit LAN	SCSI
PCA-6185V-00A1	V	--	--
PCA-6185VG-00A1	V	Single	--
PCA-6185G2-00A1	V	Dual	--
PCA-6185F-00A1	V	Dual	V

## Packing List

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

## Accessory Options

▪ USB cable with 2 ports	1700100170
▪ SCSI cable (125 cm) with terminator	1700000182
▪ CPU cooler for Pentium 4 up to 2.53 GHz, for 1U chassis	1759252100