

# PCA-6187

**Socket 478 Pentium® 4/Celeron® Processor Card with VGA/Dual Gigabit LAN/HISA/SCSI (400/533/800 MHz FSB)**

**NEW**



## Features

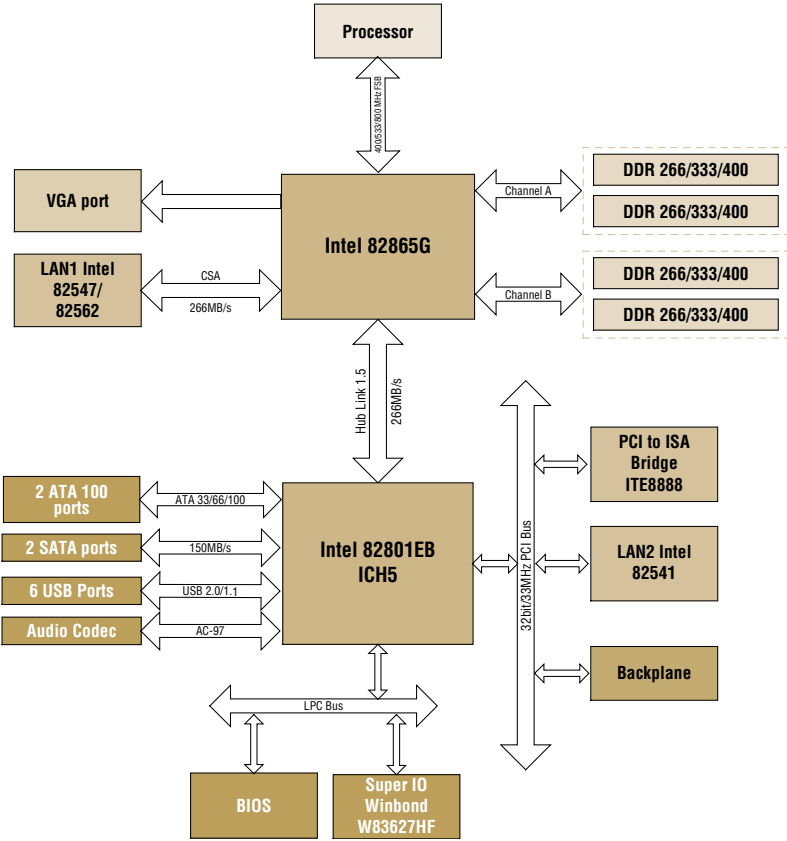
- Supports up to 2 Serial-ATA devices
- Supports Dual Channel DDR 400 SDRAM
- Onboard Adaptec AIC-7899 dual channel Ultra 160 SCSI up to 160MB/Sec.
- Intel® 865G chipset 400/533/800 MHz FSB
- Onboard integrated VGA controller, shared memory architecture
- Supports 10/100Base-T Ethernet or 10/100/1000Base-T Ethernet
- 6 USB 2.0 ports
- CMOS automatic backup and restore to prevent accidental data loss of BIOS setup
- HISA (ISA high drive) support

CE FCC

## Specifications

Processor System	CPU	Intel Pentium 4	Intel Celeron
	Max. Speed	3.06 GHz (533 FSB) 3.2 GHz (800 FSB) * Vcore 1.75 V CPU (Willamete) not supported	2.4 GHz
	L2 Cache	512/256 KB	128 KB
	Chipset	Intel® 865G + ICH5	
	BIOS	Award 4 Mb FWH	
Bus	Front Side Bus	400/533/800 MHz	
	PCI	32-bit/33 MHz	
	ISA	HISA (ISA high drive)	
Memory	Technology	Dual Channel DDR266/333/400 SDRAM	
	Max. Capacity	4 GB	
	Socket	184-pin DIMM x 4	
Graphic	Controller	Chipset integrated VGA controller	
	VRAM	Dynamically shared system memory, 8-64MB	
Ethernet	Interface	10/100Base-T; 10/100/1000Base-T (optional)	
	Controller	LAN 1: Intel 82562EZ (FE); Intel 82547GI (Gigabit, CSA) LAN 2: Intel 82541GI (Gigabit)	
	Connector	RJ-45 x 2	
SCSI	Interface	Ultra 160	
	Controller	Adaptec AIC-7899	
	Max. Data Transfer Rate	160MB/Sec.	
	Channel	2	
SATA	Max. Data Transfer Rate	150MB/Sec.	
	Channel	2	
EIDE	Mode	ATA 100/66/33	
	Channel	2 (Max. 4 devices)	
I/O Interface	USB	Max. 6 (USB 2.0 compliant), 4 ports on board for G2, F versions	
	Serial	2 (RS-232)	
	Parallel	1 (SPP/EPP/ECP)	
	FDD	1	
	PS/2	1	
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)	
Power Requirement	Typical	Pentium4 3.0GHz (800MHz FSB), 4 x 512MB DDR 400 SDRAM	
		+5 V                      -5 V                      +12 V                      -12 V 6.53 A                      0.1 A                      4.6 A                      0.2 A	
Environment	Operating		Non-Operating
	Temperature	0-60 °C (32-140 °F), depends on CPU's speed	-20-70 °C (-40 ~ 158 °F)
Physical	Dimensions	338 x 122 mm (13.3" x 4.8")	

**Block Diagram**



**Ordering Information**

Part Number	HISA	VGA	Fast Ethernet LAN	Gigabit LAN	SCSI
PCA-6187VE-00A1	V	V	Single	--	--
PCA-6187VG-00A1	V	V	--	Single	--
PCA-6187G2-00A1	V	V	--	Dual	--
PCA-6187F-00A1	V	V	--	Dual	V

**Packing List**

▪ FDD cable	X 1	1700340640
▪ IDE HDD cable	X 2	1701400452
▪ Serial ATA HDD data cable	X 2	1700071000
▪ Serial ATA HDD power cable	X 2	1703150102
▪ ATX 12V power converter cable	X 1	170304015K
▪ 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	--

**Accessory Options**

▪ USB cable with 2 ports	1700100170
▪ USB extension module with 4 ports (only for VE, VG versions)	PCA-USB4-00A1
▪ CPU cooler for Pentium 4 up to 2.8 GHz, for 1U chassis	1759214200
▪ Audio extension module	PCA-AUDIO-00A1
▪ SCSI cable with terminator (125cm)	1700000182