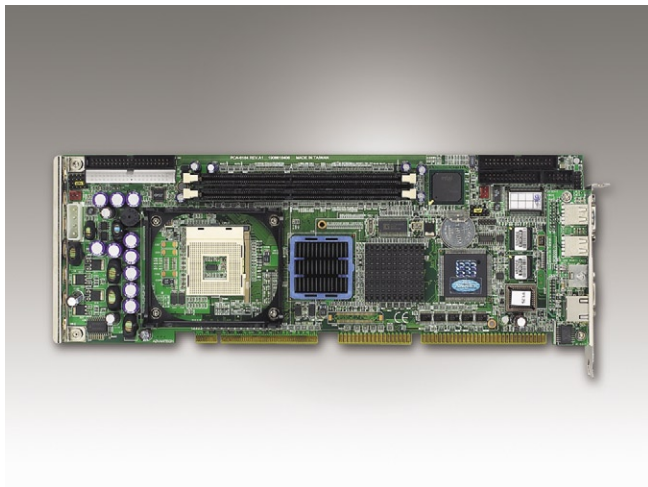


PCA-6184-B

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



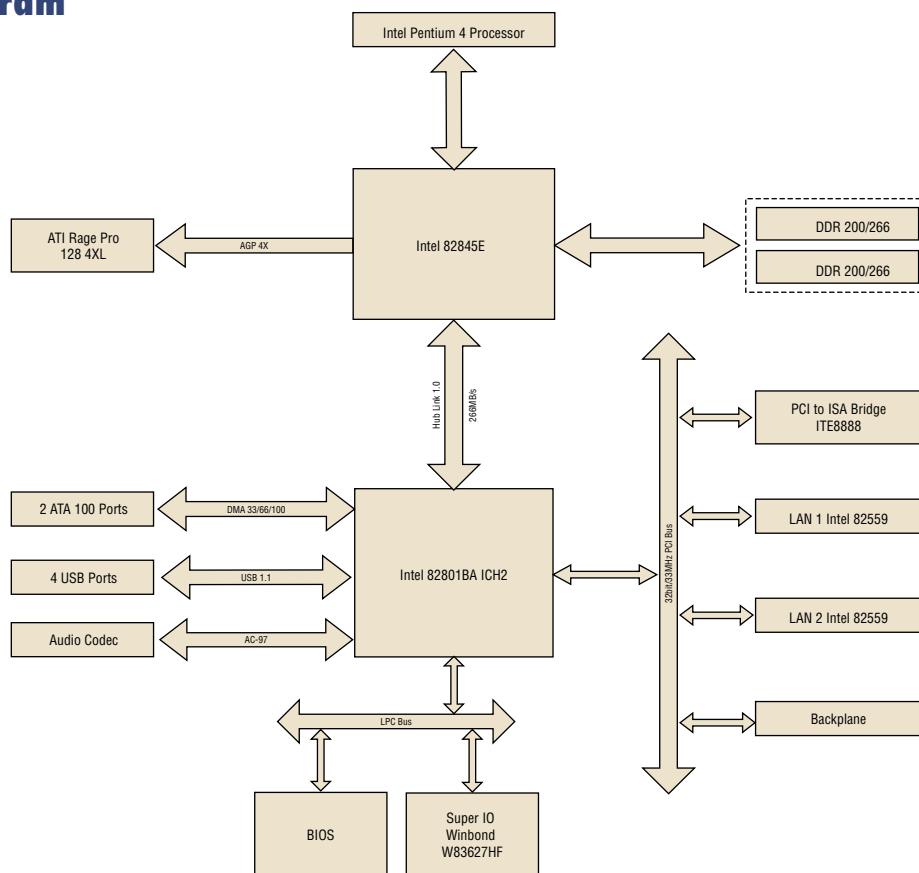
Features

- Socket 478 Pentium® 4/Celeron® D/Celeron up to 3.06/3.06/2.8 GHz
- Supports both 0.13 & 0.09 micron CPU
- Supports Intel® Hyper-Threading technology
- Intel 845E chipset 400/533 MHz FSB
- Onboard high performance AGP 4X VGA with 32 MB SDRAM
- Supports dual 10/100Base-T Ethernet
- AC-97 Audio Interface
- 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 845E + ICH2			
	BIOS	Award 4 Mbit FWH			
	Front Side Bus	400/533 MHz			
Bus	PCI	32-bit/33 MHz			
	ISA	HISA (ISA high drive)			
Memory	Technology	DDR 200/266 SDRAM with ECC support			
	Max. Capacity	2 GB			
	Socket	184-pin DIMM x 2			
Graphic	Controller	ATI RAGE Pro 128 4XL (AGP 4X)			
	VRAM	32 MB SDRAM			
Ethernet	Interface	10/100Base-T			
	Controller	LAN 1: Intel 82559 LAN 2: Intel 82559			
	Connector	RJ-45 x 2			
EIDE	Mode	ATA 100/66/33			
	Channel	2 (Max. 4 devices)			
I/O Interface	USB	Max. 4 (USB 1.1 compliant), 4 ports onboard for E2 version			
	Serial	2 (RS-232)			
	Parallel	1 (SPP/EPP/ECP)			
	FDD	1			
	PS/2	1 (for L, V, VE 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)			
Power Requirement	Typical	Pentium 4 2.8 GHz with 533 MHz FSB, 512 MB DDR 333 SDRAM			
		+5 V	-5 V	+12 V	-12 V
		3.77 A	0.64 A	7.1 A	0.56 A
Environment		Operating		Non-Operating	
	Temperature	0 ~ 60 °C (32 ~ 140 °F), depends on CPU's speed		-20 ~ 70 °C (-4 ~ 158 °F)	
Physical Characteristics	Dimensions (W X D)	338 x 122 mm (13.3" x 4.8")			

Block Diagram



Ordering Information

Part Number	VGA (AGP)	LAN
PCA-6184V-00B1	Yes	-
PCA-6184VE-00B1	Yes	Single
PCA-6184E2-00B1	Yes	Dual
PCA-6184L-00B1	-	-

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 (only for V, VE versions)	X 1
9689000068	Jumper pack	X 1
-	Single slot bracket (E2 versions only)	X 1
-	Startup manual	X 1
-	Utility CD	X 1
170304015K	ATX 12 V power converter cable	X 1

Bracket View



PCA-6184V-00B1



PCA-6184VE-00B1



PCA-6184E2-00B1



PCA-6184L-00B1

Accessories

Part Number	Description
1700100170	USB cable with 2 ports
PCA-USB4-00A1	USB extension module with 4 ports (only for V, VE versions)
1750000242	CPU cooler for Pentium 4 processor up to 2.5 GHz (70 W), for 1U chassis
1750000257	CPU cooler for Pentium 4 processor up to 3.2 GHz (89 W), for 2U or higher chassis
PCA-AUDIO-00A1	Audio extension module
PCA-DVI-00A1	DVI port module
PCA-DVIE-00A1	DVI port module with single LAN port
2070000141	Embedded Windows XP Kit