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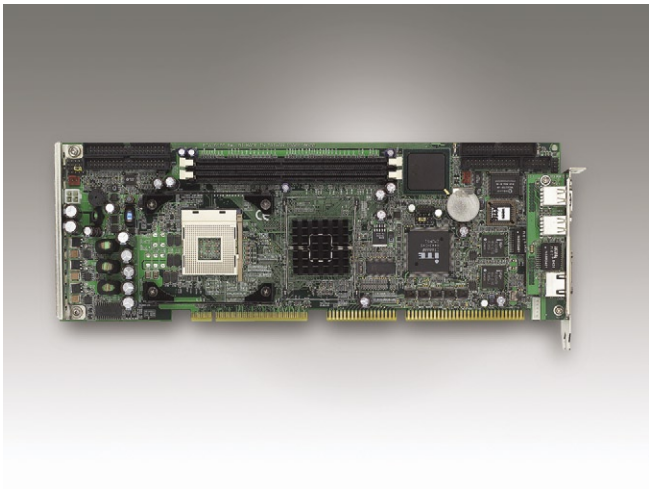
Expert team | Trust guarantee | 100% satisfaction

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Find the *Advantech PCA-6186VE* at our website: ***Click HERE***

PCA-6186-B

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



Features

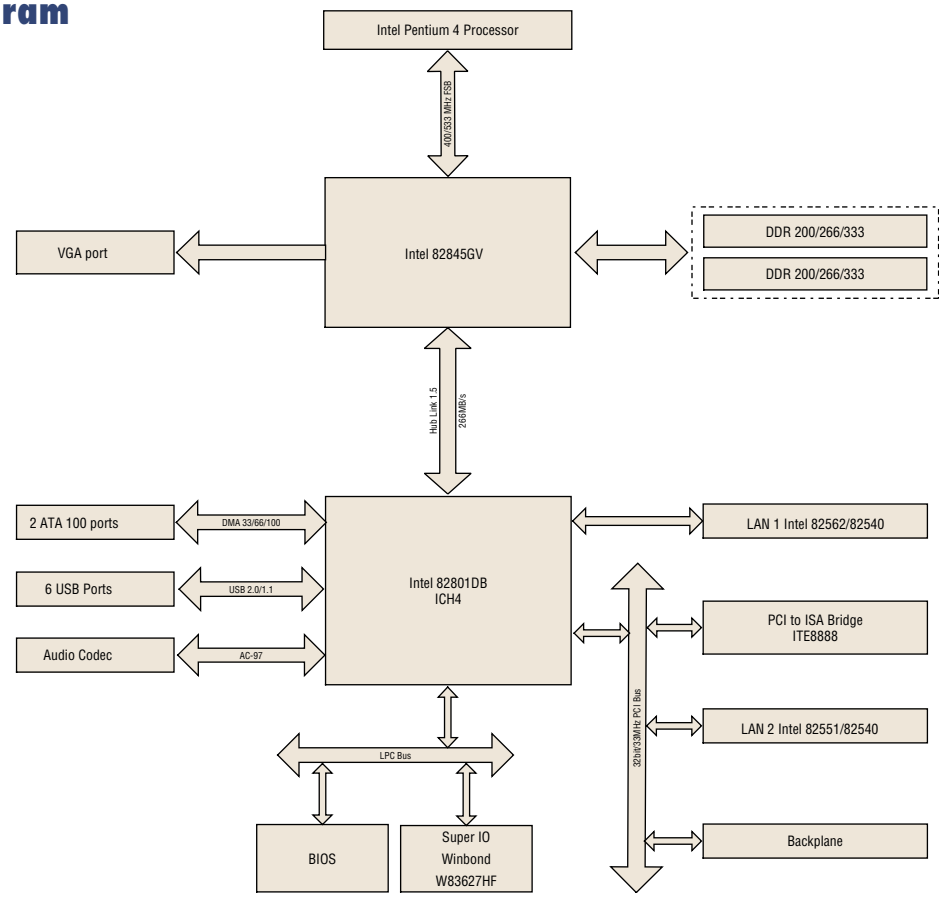
- Socket 478 Pentium® 4/Celeron® D/Celeron up to 3.06/3.06/2.8 GHz
- Supports Intel® Hyper-Threading technology
- Intel 845GV chipset 400/533 MHz FSB
- Onboard integrated VGA controller, shared memory architecture
- Supports dual 10/100Base-T Ethernet or dual 10/100/1000Base-T Ethernet
- 6 USB 2.0 ports
- 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			
	Front Side Bus	400/533 MHz			
Bus	PCI	32-bit/33 MHz			
	ISA	HISA (ISA high drive)			
Memory	Technology	DDR 200/266/333 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)			
Power Requirement	Typical	Pentium 4 2.8 GHz 533 MHz, DDR 333 1 GB x 2			
		+5 V	-5 V	+12 V	-12 V
		3.23 A	0.1 A	4.64 A	0.2 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")			

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Block Diagram



Ordering Information

Part Number	VGA	Fast Ethernet LAN	Gigabit LAN
PCA-6186LV-00B1	Yes	-	-
PCA-6186VE-00B1	Yes	Single	-
PCA-6186E2-00B1	Yes	Dual	-
PCA-6186VG-00B1	Yes	-	Single
PCA-6186G2-00B1	Yes	-	Dual

Bracket View



PCA-6186LV-00B1



PCA-6186VE-00B1
PCA-6186VG-00B1



PCA-6186E2-00B1



PCA-6186G2-00B1

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 (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

Accessories

Part Number	Description
1700100170	USB cable with 2 ports
PCA-USB4-00A1	USB extension module with 4 ports (only for LV, VG, 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
2070000127	Embedded Windows XP Kit

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