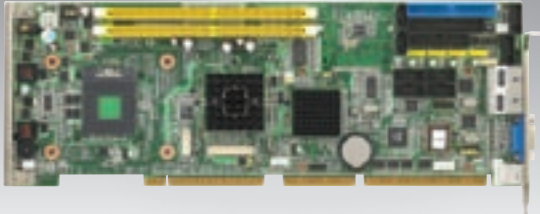


PCA-6008

Socket 479 Pentium® M/ Celeron® M Processor Card with VGA / DVI / Dual GbE LAN

NEW



Features

- Socket 479 Pentium® M/ Celeron® M FSB 533/400 MHz processors
- Supports Dual Channel DDR2 533/400 SDRAM up to 2GB
- Dual Gigabit Ethernet via two PCI Express X1 port
- 2 SATA ports
- 6 COM ports
- 8 USB 2.0 ports

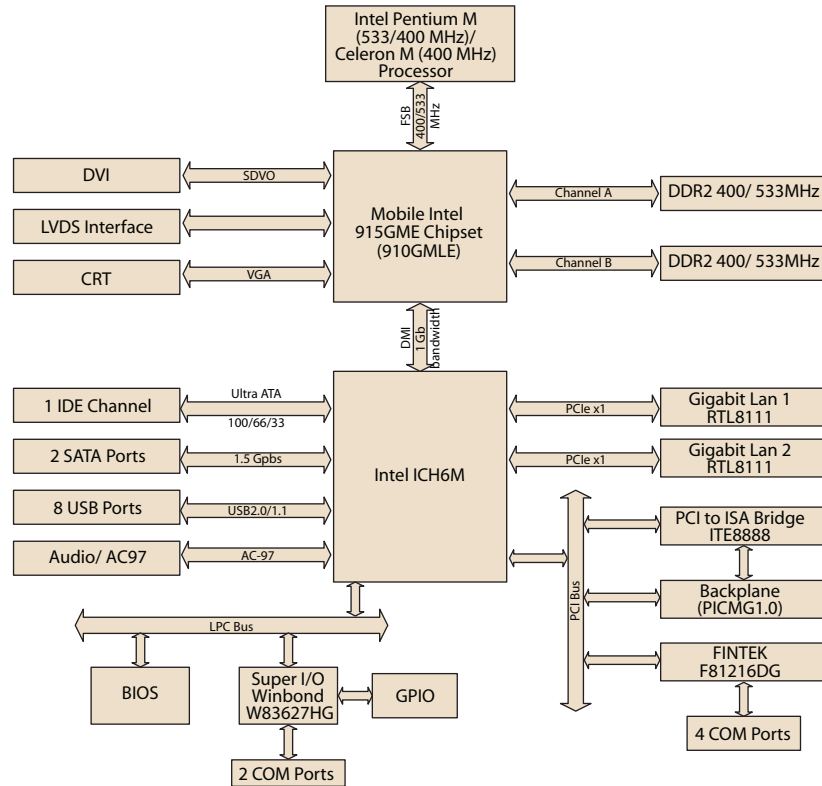


CE FCC

Specifications

Processor System	CPU	Intel Pentium M	Celeron M	Celeron M		
	Max. Speed	2.26 GHz	1.7 GHz	600 MHz on-board (PCA-6008VG-06A1E only)		
	L2 Cache	512 KB, 1 MB, 2 MB				
	Chipset	Intel 915GME + ICH6M		910GML + ICH6M		
	BIOS	Award 4M bits FWH				
	Front Side Bus	533/ 400 MHz		400 MHz		
Bus	PCI	32bit/33MHz PCI				
	ISA	HISA (ISA High Driver)				
Memory	Technology	Dual-channel DDRII 533/ 400 MHz DIMMs				
	Max. Capacity	2 GB				
	Socket	240-pin DIMM x 2				
Graphics	Controller	Chipset integrated VGA controller				
	VRAM	Shared with system memory up to 128MB				
Ethernet	Interface	10/100/1000Base-T				
	Controller	RTL8111B				
	Connector	RJ45 with LED connector x 2				
EIDE	Mode	ATA 100/66/33				
	Channel	1 (support up to 2 IDE devices)				
SATA (150MB/s)	port	2 ports				
I/O Interface	USB	8 ports (USB 2.0/1.1 compliant) by Pin Header		4 ports (USB 2.0/1.1 compliant)		
	Serial	5 (RS-232) / 1 (RS-232/RS-422/RS-485) with Pin Header				
	Parallel	1 (EPP/ECP/SPP)				
	FDD	1				
	PS/2	1 (for mouse and Keyboard, Y cable included)				
Watchdog Timer	Output	system reset				
	Interval	Programmable 1-255 sec				
Miscellaneous	Audio Output	AC97 audio interface (requires an audio extension module P/N: PCA-AUDIO-00A1E)				
Power Requirement	Configuration 1: Pentium M Processor 780 (2.26 GHz/ 27 W) + DDR2 2 GB					
	+12 V	+5 V	+3.3 V	+5 VSB	-12 V	-5
	3.09 A	4.26 A	0 A	0.42 A	0 A	0 A
	Configuration 2: Celeron M Processor 600 MHz/ 7 W + DDR2 2 GB					
	+12 V	+5V	+3.3 V	+5 VSB	-12 V	-5 V
	0.56 A	3.66 A	0 A	0.07 A	0 A	0 A
Environment	Temperature	Operating			Non-Operating	
		0 ~ 60° C			- 20 ~ 70° C	
Physical	Dimensions	338 mm (L) x 122 mm (W) (13.3" x 4.8")				

Board Diagram



- Computer On Modules 1
- Embedded Single Board Computers 2
- Compact Embedded Computers 3
- Pre-configured Systems 4
- Industrial Motherboards 5
- Slot Single Board Computers 6
- Industrial Computer Chassis 7
- Industrial Computer Peripherals 8
- Panel PCs 9
- Display Solutions 10
- Digital Video Solutions 11
- Vehicle Mounted Computers 12
- Portable Computers 13
- M2M Modules 14
- Embedded Software Services 15

Order Information

Part Number	CPU	North Bridge	LVDS	DVI	VGA	Gigabit LAN	USB	COM
PCA-6008G2-00A1E	Socket	915GME	Yes	Yes	Yes	Dual	8	6
PCA-6008VG-06A1E	Celeron M 600M/512	910GMLE	-	-	Yes	Single	4	2

Bracket View



PCA-6008G2-00A1E



PCA-6008VG-06A1E

Packing List

Part number	Description	Quantity
1700340640	FDD cable	x 1
1701400452	IDE HDD cable	x 1
1700003194	Serial ATA HDD data cable	x 2
1703150102	Serial ATA HDD power cable	x 2
170304015K	ATX 12V power converter cable	x 1
1701260305	Printer + COM cable	x 1
1700060202	Y cable for PS/2 mouse & keyboard	x 1
1700008461	USB cable with 4 ports	x 1
1701092300	Dual COM port cable kit	x 1
1750000246	CPU cooler for Socket 479 (G2 version only)	x 1
9689000068	Jumper pack	x 1
-	Startup manual	x 1
-	Utility CD	x 1