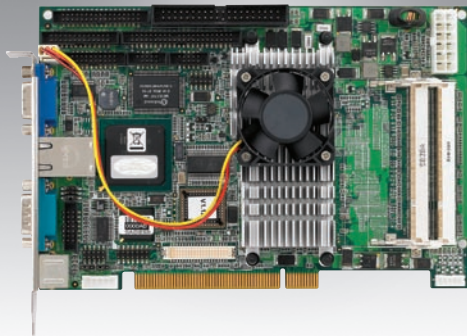


# PCI-6881

## PCI Intel® Pentium® M/Intel Celeron® M PCI Half-sized SBC with VGA/LCD/LVDS/ GbE LAN/USB 2.0 and SSD



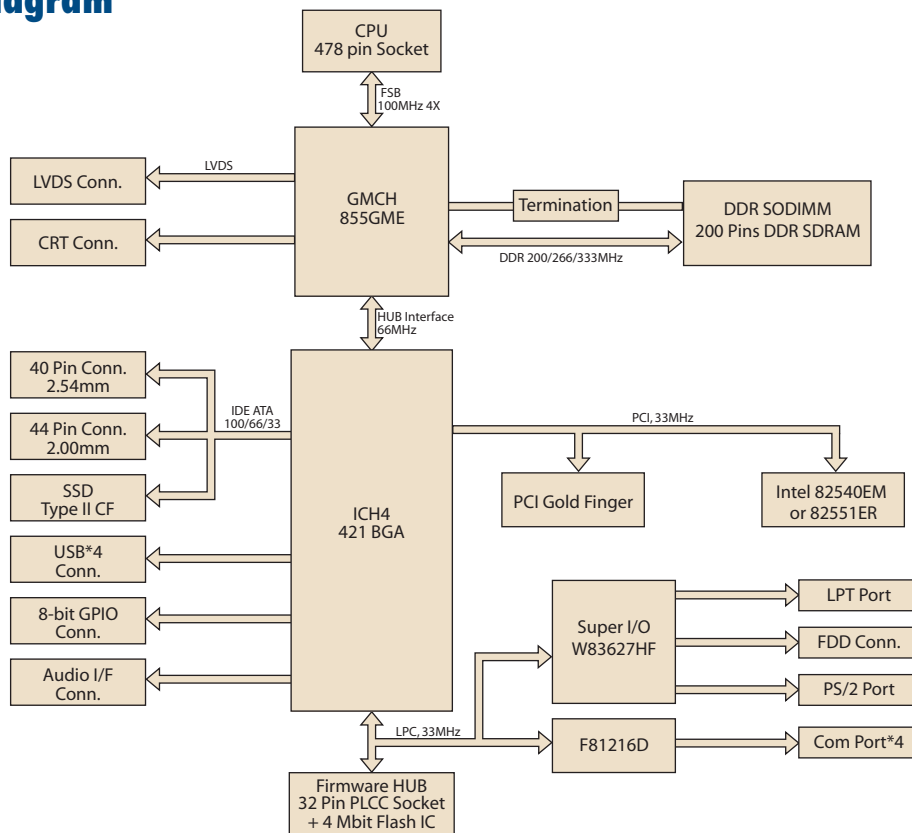
### Features

- Supports Intel® Pentium® M/Intel Celeron® M Processor
- Fanless operation @ 0 ~ 60° C
- Supports 400 MHz Front Side Bus
- Supports 200 MHz, 266 MHz and 333 MHz DDR SDRAM
- Supports up to 2 Channel 36 bits LVDS for LCD
- Supports four USB 2.0 ports
- Supports Enhanced Intel SpeedStep Technology (Intel Pentium M)
- Fanless version available with onboard Intel Celeron M 600 MHz

### Specifications

Processor System	CPU	Intel Pentium M/ Celeron M(Socket)	Intel Celeron M (on board type)
	Max. Speed	2.1 GHz & above (400 FSB)	600 MHz
	L2 Cache	1 M/ 2 M	512 KB
	Chipset	Intel 855 GME + ICH4	
	BIOS	AWARD 4 Mbit FWH	
Bus	Front Side Bus	400 MHz	
	PCI	32-bit/ 33 MHz	
	ISA	-	
Memory	Technology	DDR 200/266/333 MHz SDRAM SODIMM	
	Max. Capacity	2GB	
	Socket	200-pin SO-DIMM x 2	
Graphics	Controller	Chipset integrated VGA controller	
	VRAM	Dynamically shared system memory, 8~64 MB	
	LVDS	Dual-channel 36-bit LVDS	
	TTL	-	
	Dual Display	CRT + LVDS	
Ethernet	Interface	10/100 Base-T	
	Controller	Intel 82551ER (FE)	
	Connector	RJ-45*1	
EIDE	Mode	ATA 100/66/33	
	Channel	2 (Max. 4 devices)	
SATA (150MB/s)	port	-	
I/O Interface	USB	Max. 4 (USB 2.0 compliant)	
	Serial	3 (RS-232)/ 1 (RS-232/RS-422/RS-485)	
	Parallel	1	
	FDD	1	
	PS/2	1 (for mouse and Keyboard, Y cable included)	
Watchdog Timer	Output	Interrupt, system reset	
	Interval	Programmable, 1-255 sec.	
Miscellaneous	Audio Output	AC97 Audio interface (requires an audio extension module P/N: PCM-231A-00A1E)	
	Solid State Disk	Compact Flash socket (Type I/II), shared with secondary IDE	
Power Requirement	Typical	Pentium M 1.6 GHz, 512 MB SDRAM SODIMM +12 V (0.25 A)	+5 V (5.2 A)
	Max	Pentium M 1.6 GHz, 512 MB SDRAM SODIMM +12 V (0.5 A)	+5 V (6 A)
Environment	Temperature	Operating	Non-Operating
		0 ~ 60° C	- 20 ~ 70° C
Physical	Dimensions	185 mm (L) x 122 mm (W) (7.3" x 4.8")	

## Board Diagram



## Ordering Information

Part Number	On board CPU	FE LAN
PCI-6881F-00A2E	-	Intel 82551ER
PCI-6881F-M0A2E	Celeron M 600 MHz	Intel 82551ER

## Bracket View



PCI-6881F-00A2E  
PCI-6881F-M0A2E

## Packing List

Part Number	Description	Quantity
1700060202	Y Cable for PS/2 Keyboard, PS/2 Mouse	x 1
1701400452	E-IDE (HDD) cable	x 1
1701340603	FDD cable (600 mm)	x 1
1700260250	Parallel port cable	x 1
1700000265	Power cable	x 1
1700001276	ATX feature cable	x 1
1750000146	Cooler W/FAN 82 x 44 x 27.5 mm	x 1
9689000002	Jumper pack	x 1
1653302122	Mini jumper	x 1
-	Startup manual	x 1
-	Utility CD	x 1

## Accessories

Part Number	Description
IPC-644BP-15ZE	4-slot chassis w/ 150W power supply
IPC-6806SB-15ZBE	6-slot chassis w/ 150W power supply
1703100260	USB cable with 2 ports (2.0mm pitch)
CF-HDD-ADP	CompactFlash 50-pin to IDE 44-pin adapter
PCM-231A-00A1E	Audio module with Line-in, Line-out, Mic
1701140201	COM2 cable (2.0mm pitch)
1700001166	COM3 & 4 cable with bracket (2.0mm pitch)