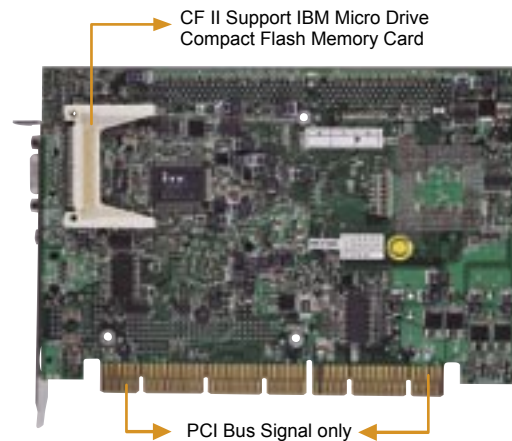
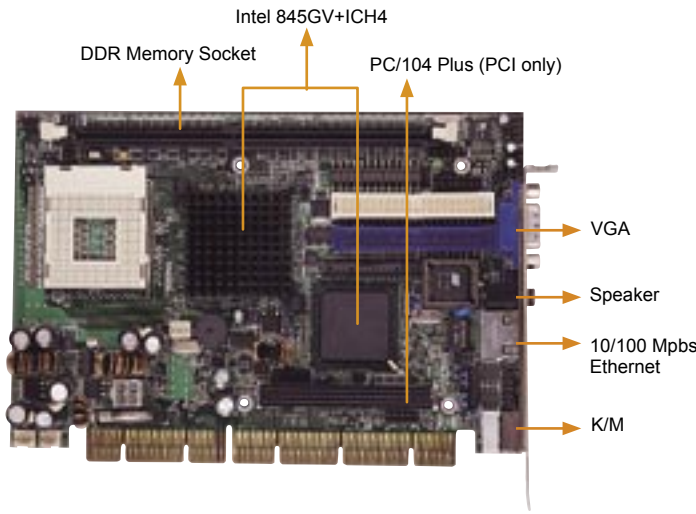


# PSB-4710

PCISA ( PCI only) Socket 478 CPU Card with VGA, LAN, USB2.0 & Audio

*Celeron-D Ready Version coming soon !!*

**Long Term Supports**



**FSB 533**

**DDR 266**



## Specifications

<b>CPU</b>	Socket-478 base supports Intel® Pentium® 4-M / P4 / Celeron™ up to 2.6GHz
<b>System Chipset</b>	Intel® 845GV chipset (with ICH4)
<b>System Memory</b>	1x PC1600/PC2100 (200/266MHz) DDR SDRAM, maximum up to 1GB
<b>Display</b>	<ul style="list-style-type: none"> <li>Integrated in Intel® 845GV chipset</li> <li>Bus: AGP 4X</li> <li>V-RAM: Shared with system memory (DVMT technology)</li> <li>Resolution: Up to 2048x1536@60MHz refresh rate (Analog)</li> <li>Connector: DB-15 for CRT monitor</li> </ul>
<b>SSD</b>	1x Compact Flash™ Type II socket onboard
<b>Ethernet</b>	Onboard 10/100Mbps Fast Ethernet controller (82562ET PHY)
<b>WDT</b>	Software programmable supports 1~255 seconds system reset
<b>I/O</b>	<ul style="list-style-type: none"> <li>2x ATA/100 IDE channels support CD-ROM, ZIP and LS-120 bootable</li> <li>2x USB 2.0 ports by pin header</li> <li>1x FDD channel supports 1.44/2.88MB and 3-mode</li> <li>1x RS-232 series port by pin header</li> <li>1x RS-232/422/485 selectable port</li> <li>1x LPT parallel port by pin header supports SPP/ECP/EPP mode</li> <li>1x IrDA (SIR)</li> <li>1x PS/2 connector for keyboard/mouse</li> </ul>
<b>Audio</b>	AC'97 CODEC
<b>Expansion slot</b>	PC/104 plus (only PCI signal)
<b>Hardware monitoring</b>	Provides CPU Vcore, Vcc; CPU/System fan speed and temperature detecting function.
<b>Interface</b>	PCISA golden edge with PCI bus.
<b>ATX power control function</b>	Meets ACPI 1.1 specification
<b>Power Consumption</b>	+5V@3.6A; +12V@4.6A (Intel® P4 2.4G with 512K L2; 512MB DDR SDRAM); +5V@4.2A, +12V@4A (Intel® P4-M 2.4GHz with 256MB DDR SDRAM)
<b>Operating Temperature</b>	0~60°C
<b>Relative Humidity</b>	5~95%, non-condensing
<b>Note</b>	Only PCI Bus signal via golden finger due to the limitation of chipset.

## IEI Option

- **CF-512**  
CPU cooling fan support P4 CPU
- **CF-515**  
High performance Skiving CPU cooling fan support P4-M CPU

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## Feature

- Intel P4 CPU support up to 2.53GHz / FSB 533 MHz
- Intel Extreme Graphic integrated graphic engine
- DDR266 SDRAM memory support upto 1GB
- LAN, USB 2.0, Audio integrated

*Tech Talk*

## IEI's Complete P4-M Solution

IEI's P4-M product solution is complete. Ranging from half size SBC (PSB-4710MEV), full size SBC (SAGP-845MEV), to 5.25" size (NOVA-8890M series) CPU board. In addition, iEI has designed the CF-515 CPU cooler to go with the P4-M product solution.



	Pentium® 4	Pentium® 4-M
Available Speeds	800MHz system bus: 3.20, 3, 2.80C, 2.60C, 2.40CGHz	2.60, 2.50, 2.40, 2.20, 2.0, 1.80, 1.70, 1.60, 1.50, 1.40GHz
	533MHz system bus: 3.06, 2.80, 2.66, 2.53, 2.40B, 2.26GHz	
	400MHz system bus: 2.60, 2.50, 2.40, 2.20, 2AGHz	
L2 Cache	Normally 256KB	512KB
Power consumption	80~95W	25~35W

Note: The attached letter behind the CPU frequency stands as below:  
 # ##a.....512KB L2 Cache  
 # ##b.....Box Package  
 # ##c.....800Mhz FSB

Model Name	Chipset	Form Factor
SAGP-845MEV	Intel 845G	Full size PIAGP Bus SBC
ROCKY-4786EV/G-R30	Intel 865GV	Full size PICMG Bus SBC
ROCKY-6160/G-R10	Intel 852GME	Full size PICMG Bus SBC
PSB-4710MEV	Intel 845GV	Half size PCISA Bus SBC
NOVA-8890M	Intel 845GV	5.25" Embedded Board
ICPMB-7660-R10	Intel 852GME	ATX Motherboard
POS-478-R30	Intel 845GV	POS CPU Board

## Ordering Information

- **PSB-4710MEV**  
PCISA ( PCI only) Socket 478 CPU Card with VGA, LAN, USB2.0 & Audio

Single Board Computer

PIAGP Series

PICMG

Half-Size

Industrial Motherboard

5.25" NOVA

EPIC NANO

3.5" WAFER

ETX

PC/104

Add-on Card

IVC Card

Backplane

LCD Product Series

Chassis

Power supply

Peripheral