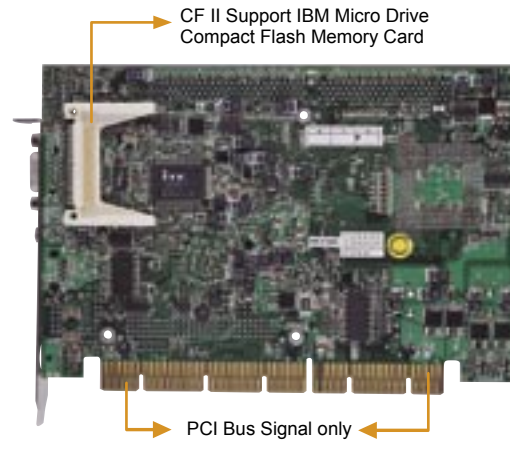
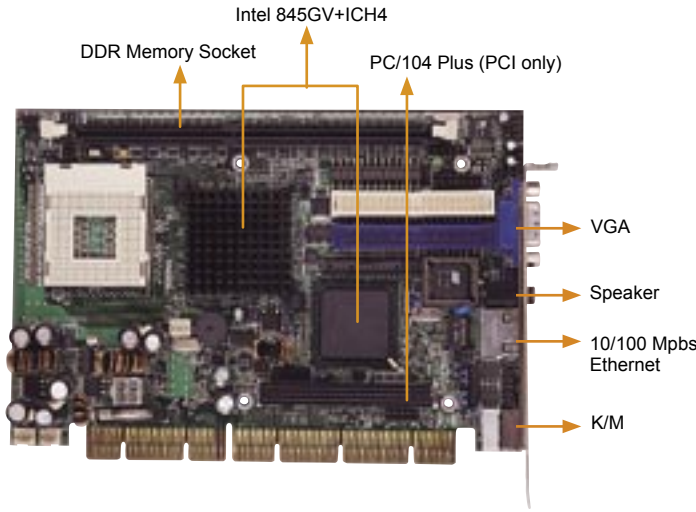


PSB-4710

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

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