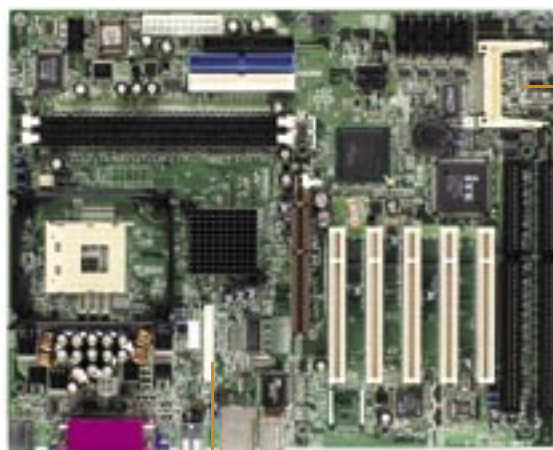


# ICPMB-7660

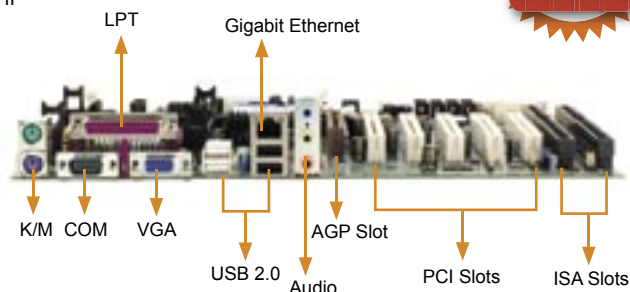
ATX MB, Socket 478 533MHz FSB with LCD/CRT  
VGA, GbE, 6 COM & Audio



CF II

36-bit dual channel LVDS

Long Term Supports



## Feature

- Intel P4 / Prescott CPU with HT support up to FSB 533 MHz
- CRT/LCD integrated in i852GME, support LVDS interface for Dual display
- 2x DDR 266/333 support up to 2GB
- Support both PCI and ISA extension slots
- Long term support industrial motherboard
- Support Intel Gigabit Ethernet function
- CFII, GbE, USB 2.0, 6 COM port, Audio, SATA integrated

## Specifications

<b>CPU</b>	Socket 478 for Intel Pentium 4 / Celeron with 400/533MHz FSB
<b>System Chipset</b>	Intel 852GME + ICH5
<b>System Memory</b>	2x DDR266/333 SDRAM DIMM support up to 2GB ECC support
<b>SSD</b>	1x Compact Flash™ Type II Socket
<b>Display</b>	- Display controller - Intel GMCH Integrated Graphics controller - Integrated AGP 4X 2D/3D engine - One VGA port for CRT monitor 1600x1200@8pp; 1280x1024@16bpp - DF14-30F connector for 36-bit LVDS I/F - Dual independent displays - Shared system memory up to 32MB (DVMT)
<b>Ethernet</b>	Single 10/100/1000Mbps Intel 82540 Gigabit Ethernet controller
<b>I/O</b>	- 5x RS232 (4 by pin header) - 1x RS232/422/485 selectable - 8x USB 2.0 (4 by pin header) - 2x ATA-100 IDE Channel - 2x SATA-150 - 1x FDD connector, supports 1.44/2.88MB and 3-mode floppy drive - 1x LPT by connector (Supports SPP/EPP/ECP mode) - 2 x PS/2 for Keyboard/Mouse - 1 x IrDA by pin header (SIR mode)
<b>Audio</b>	AC'97 codec
<b>Digital I/O</b>	8 inputs / 8 outputs
<b>WDT</b>	Software programmable support 1 ~ 255 sec system reset
<b>Expansion slot</b>	1 x AGP 4X slot, 4 x PCI slot, 1 x ISA slot, 1x PCI/ISA slot
<b>Hardware Monitoring</b>	CPU voltage / Temperature / FAN speed monitor
<b>Power control function</b>	Meets ACPI 1.1 specification
<b>Power consumption</b>	+12V@7.5A, +5V@1.7A, +3.3V@3.2A, -12V@0.2A, 5VSB@0.1A (Based on P4 3.06GHz, 1GB DDR333 SDRAM)
<b>Operation Temperature</b>	0 ~ 60 °C
<b>Relative Humidity</b>	5 ~95%, non-condensing

## IEI Option

### CF-514

High performance Skiving Pentium® 4 CPU cooler

## Tech Talk

### What is Preboot eXecution Environment(PXE)?

PXE is an open industry standard develop by a number of software and hardware vendors. PXE works with a network interface card or on board Ethernet device in the PC, and makes as Ethernet boot device. A PXE is available either as a boot ROM chip that an administrator ca add to the adapter, or as part of the system BIOS if the network interface is on the motherboard.

#### CPU Cards with PXE Function

Model Name	BIOS version	Model Name	BIOS version
SAGP-4620EV	V1.0	ICPMB-7660	V1.0
SAGP-815EV	V1.0	ICPMB-7760	V1.0
ROCKY-6161	V1.0	ICPMB-2660	V1.0
ROCKY-6160	V1.1	POS-478	V1.0
ROCKY-4784EVG	V1.3	POS-370	V2.2
ROCKY-4783EV	V1.1	POS-380	V1.0
ROCKY-4782EV	V1.3	NOVA-7170	V1.0
ROCKY-3732EV	V1.2	NOVA-7150	V1.0
ROCKY-3742EVFG	V1.1	NOVA-8890	V1.0
ROCKY-3786EVG	V1.2	NOVA-7896	V2.1
ROCKY-3785EVG	V1.4	NOVA-7895FW	V1.3
ROCKY-3708E2V	V1.3	NOVA-7894	V1.0
ROCKY-3705EV	V2.1	NOVA-7830	V1.0
ROCKY-772EV	V1.1	NOVA-7820	V1.0
ROCKY-C800EV	V1.0	NOVA-C400	V1.0
ROCKY-C400	V1.0	NOVA-4898	V1.4
PSB-4710EV	V1.0	ISS-102R	V1.1B
PCISA-3716E2V	V3.1	NANO-7241	V1.0
PCISA-C400	V1.0	NANO-7240	V1.0
PCISA-C800EV	V1.0	NANO-7279	V1.0
ROCKY-512	V1.0	WAFER-C400EV	V1.0
JUKI-6755	V1.0	WAFER-E667EV	V1.4
JUKI-3711P	V1.3	WAFER-E669E2V	V1.0
JUKI-C400	V1.0	WAFER-5820	V2.2
ETX-GX-300	V1.0	WAFER-5821	V1.3

## Ordering Information

### ICPMB-7660GN-R10

ATX MB socket 478 Pentium 4 / Celeron with 400/533MHz  
FSB with LCD/CRT VGA, GbE, Audio