ICPMB-8650
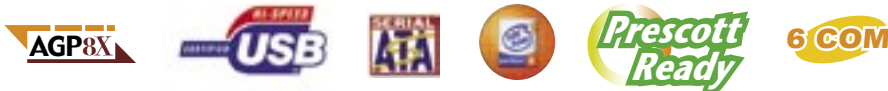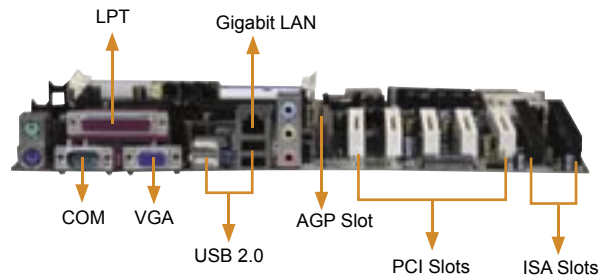
ATX Mother Board, Socket 478 800MHz FSB with VGA, GbE, S-ATA, USB 2.0, 6 COM & Audio

Long Term Supports

CF II

LPT
Gigabit LAN
COM
VGA
USB 2.0
AGP Slot
PCI Slots
ISA Slots

AGP8X | USB | SERIAL ATA | Prescott Ready | 6 COM

● Specifications

CPU	Socket-478 for Intel® Pentium® 4 with 533/800 MHz FSB
System chipset	Intel® 865G + ICH5
System memory	Dual channel DDR 333/400 SDRAM socket support up to 4GB
Display	Integrated in Intel® 865G
SSD	1x onboard Compact Flash™ Type II socket
Ethernet	Single 10/100/1000Mbps Intel 82540 Gigabit Ethernet controller (ICPMB-8650GN) Or Single 10/100/1000Mbps Realtek 8110S Gigabit Ethernet controller (ICPMB-8650GR)
Audio	AC'97 compliant Audio CODEC
I/O	– 5 x RS-232 – 1 x RS-232 / 422 / 485 selectable – 8 x USB 2.0 (4 by pin header) – 2 x ATA-100 IDE channel – 2 x Serial ATA-150 channel – 1 x FDD connector, supports 1.44/2.88MB and 3-mode floppy drive – 1 x LPT parallel port (Supports SPP/EPP/ ECP mode) – 2 x PS/2 for Keyboard/Mouse – 1 x IrDA by pin header (SIR mode)
Digital I/O	TTL Level, 4 inputs and 4 outputs
WDT	Software programmable supports 1 ~ 255 sec, system reset
Expansion slot	1 x AGP 8X/4X slot, 4 x PCI slot, 1 x ISA slot, 1x PCI/ISA slot
Hardware Monitor	Provides CPU Vcore, Vcc, CPU / System fan speed and temperature detecting function
Power Consumption	+12V@7.3A, +5V@4.9A, +3.3V@0.7A, -12V@0.2A, 5VSB@0.7A (Based on P4 3.0GHz, 1GB DDR400 SDRAM)
Operating Temperature	0~60°C

● IEI Option

● **CF-514**
High performance Skiving Pentium® 4 CPU cooler
● **CF-519**
High performance Copper Core Socket-478 Cooler for Precott

Feature

- Intel P4 / Prescott CPU with HT support up to FSB 800MHz
- CRT, AGP8X integrated in i865G.
- 4x Dual channel DDR333/400 support up to 4GB
- Support both PCI and ISA extension slots
- CFII,GbE, USB2.0, Multi-COM, Audio, SATA integrated

Tech Talk

IEI Supports Prescott CPU Product List

Model Name	BIOS Version	Support Front side Bus
ROCKY-6161 series	V1.0	Up to FSB 800 Mhz
ICPMB-7880 series	V1.0	Up to FSB 800 Mhz
ICPMB-8650 series	V1.0	Up to FSB 800 Mhz
ICPMB-8660 series	V1.0	Up to FSB 800 Mhz
ICPMB-7660 series	V1.0	Up to FSB 533 Mhz
ICPMB-7760 series	V1.0	Up to FSB 533 Mhz
POS-478-R30 series	V3.0	Up to FSB 533 Mhz
NOVA-8890-R30 series	V3.0	Up to FSB 533 Mhz
Rocky-4786-R20 series	V2.0/ V3.0(ICH5R)	Up to FSB 800 Mhz
Rocky-6160-R10	V1.0	Up to FSB 533 Mhz
PSB-4710EV-R30	V2.0	Up to FSB 533 Mhz
Rocky-4783EV-R20	V2.0	Up to FSB 533 Mhz
SAGP-865EVG-R20	V2.0	Up to FSB 800 Mhz

Intel IPD (EID) long support CPU list (Socket 478 type)
Pentium 4 for FSB 800Mhz: 3.0G*, 3.4G*,
Pentium 4 for FSB 533Mhz: 2.4G, 2.8G
Pentium 4 for FSB 400Mhz: 2.0G, 2.6G
Celeron D for FSB 533Mhz: 2.8G*
Celeron for FSB 400Mhz: 2.0G, 2.5G

*Prescott core CPU

● Ordering Information

● **ICPMB-8650GN-R12**
ATX Mother Board, Socket 478 800MHz FSB with VGA, Intel GbE, S-ATA, USB 2.0, 6 COM & Audio
● **ICPMB-8650GR-R12**
ATX Mother Board, Socket 478 800MHz FSB with VGA, Realtek GbE, S-ATA, USB 2.0, 6 COM & Audio