# ROCKY-6160

PICMG Socket-478 533MHz FSB CPU Card with LCD/
CRT VGA, LAN, GbE, SATA, 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

**Long Term Supports**

**NEW**



ATX-12V · 48 bit dual channel LVDS I/F · CF II · VGA · Speaker · 10/100 Mbps Ethernet · GbE · K/M · PCI Bus · ISA Bus

DDR 333 · FSB 533 · ISAPLUS™ · SERIAL ATA · USB · Gigabit Ethernet · intel inside pentium 4 · Dual Display · Prescott Ready
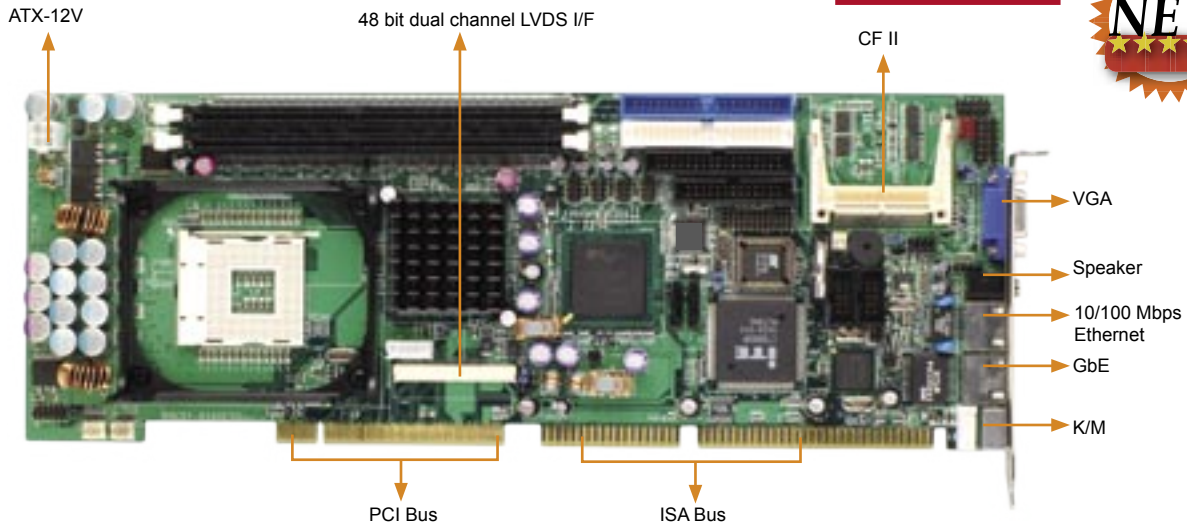
## ● Specifications

| | |
|---|---|
| CPU | Socket-478 for Intel® Pentium® 4 with 400/533 MHz FSB |
| System Chipset | Intel® 852GME + ICH5 |
| System Memory | 2x DDR-DIMM support DDR266/333 SDRAM upto 2GB |
| Display | Integrated in Intel® 852GME<br>Bus: AGP 4X<br>Share system memory with Intel DVMT technology<br>DB-15 CRT connector<br>DF14-30F 48 bit dual channel LVDS LCD interface<br>Dual Independent Display |
| Ethernet | 1 x 10/100 Mbps ICH4 + i82562ET<br>1 x 10/100/1000 Mbps i82541PI (ROCKY-6160G) |
| SSD | 1 x Compact Flash Type II socket |
| I/O | 2 x RS-232 serial ports<br>1 x LPT (support SPP/EPP/ECP mode)<br>8 x USB 2.0 ports<br>1 x PS/2 for Keyboard/Mouse<br>2 x ATA-100 IDE channel<br>2 x SATA-150 IDE channel<br>1 x Floppy<br>1 x IrDA |
| Audio | Support AC '97 Codec |
| Digital I/O | 4 inputs, 4 outputs |
| WDT | Software programmable supports 1 ~ 255 seconds system reset |
| Hardware Monitoring | Provides CPU Vcore, Vcc, CPU / System fan speed and temperature detecting function |
| Power control function | Support APM / ACPI 2.0 power control function |
| Power consumption | +12V@7.17A, 5V@2.7A, (P4 Prescott 2.8G, 2x 512MB DDR SDRAM) |
| Operation Temperature | 0 ~ 60°C |
| Relative Humidity | 5 ~ 95%, non-condensing |
| GW | 900g |
| Remark | Intel prescott CPU support up to 2.8 GHz |

## ● Option

● **CF-514**    High performance Skiving Pentium® 4 CPU cooler

## Feature

- Intel P4 / P4-M / Prescott CPU supports upto FSB 533 MHz
- Intel Extreme Graphic II integrated graphic engine with LVDS
- DDR266 SDRAM memory support with ECC function
- LAN, SATA, USB 2.0, Audio integrated
- Support dual independent display

*Tech Talk*

## Intel 852GM/GME Chipset Introduction

The Intel® 852GME Chipset for Embedded Computing is an optimized integrated graphics solution with a 400/533 MHz system bus and integrated 32-bit 3D core at 133 MHz (at 533 MHz system bus). It features a low-power design, supports the Intel® Pentium® 4 processor and the Intel® Celeron® processor, and supports up to 2 GB of DDR 266/333 system memory.

The Intel® 852GM chipset is a mobile optimized integrated graphics solution with a 400 MHz system bus and integrated 32-bit 3D core at 133MHz with Dynamic Video Memory Technology (DVMT). The Intel® 852GM chipset has a low power design, supports advanced mobile power management, and supports up to 1GB of DDR 200/266 System Memory.

| Chipset comparison chat | | | | |
|---|---|---|---|---|
| | Intel 855GME | Intel 852GME | Intel 852GM | Intel 845GV |
| FSB | 400 Mhz | 400/533 Mhz | 400 Mhz | 400/533 Mhz |
| Memory | DDR: 200/266/333 | DDR: 266/333 | DDR: 200/266 | DDR: 200/266 |
| ECC support | Yes | Yes | No | No |
| AGP support | 4X | 4X | No | No |
| LVDS interface | Integrated | Integrated | Integrated | Through DVO Port |
| DVO Port | DVOB/C | DVOB/C | DVOC | DVOC |

## ● Ordering Information

● **ROCKY-6160-R10**
  PICMG Socket-478 533MHz FSB CPU Card with LCD/CRT VGA, LAN, SATA, USB2.0 & Audio

● **ROCKY-6160G-R10**
  PICMG Socket-478 533MHz FSB CPU Card with LCD/CRT VGA, LAN, GbE, SATA, USB2.0 & Audio

Note: For DVI function, please contact supplier