

ROCKY-4784

PICMG Socket 478 533MHz FSB CPU Card with VGA(32MB), LAN, GbE & Audio

Independent VGA SIS 315 chip with 32MB V-RAM on board



FSB 533

DDR 266

ISA

USB

Gigabit Ethernet



Feature

- Intel Pentium 4 CPU supports upto FSB 533 MHz
- SiS 315 graphic chip with 32MB memory
- DDR266 SDRAM memory support with ECC
- LAN, USB, Audio integrated

Specifications

| | |
|-----------------------------------|---|
| CPU | Socket-478 base support Intel® Pentium® 4 / Celeron™ up to 533 MHz FSB |
| System Chipset | Intel 845E+ ICH2 |
| System Memory | 2x 184pin DIMM up to 2GB DDR SDRAM (DDR 200/266 MHz), support ECC function |
| Display | SiS 315 2D/3D Graphics Engine AGP 4X bus bandwidth up to 533 MB/sec Resolutions: up to 1600x1200 (UXGA) V-RAM: 32MB SDRAM onboard Connector: DB-15 for CRT display |
| Ethernet | 1x 10/100Mbps fast Ethernet controller on board (i82562, ICH2) 1x Gigabit LAN onboard (Broadcom 5702) |
| SSD | 1x Compact Flash™ Type II |
| I/O | – 2x RS-232 series port by pin header (16C550 UARTs Compatible) – 1x LPT by pin header (support SPP/EPP/ ECP mode) – 1x IrDA (SIR mode) – 2x USB (USB 1.1 Compliant) – 1x FDD channel support 1.44MB, 2.88MB and 3-mode – 2x ATA-100 IDE channel support CD-ROM; ZIP and LS-120 bootable |
| Audio | AC'97 compliant Audio CODEC (Line-in, Line-out, Mic-in by pin header) |
| WDT | software programmable support 1~255 second system reset |
| ISA Plus™ | Designed to enhance the ISA bus drive capability (64mA) |
| Hardware Monitoring | CPU Vcore; Vcc; CPU/System Fan speed and Thermal |
| ATX power control function | Meets ACPI 1.1 |
| Power consumption | +5V@5A, +12V@6.6A, 12V power request min. 8A. (P4 2.2GHz CPU with 2GB DDR SDRAM, Windows 2000) |
| Operating Temp | 0~60°C (CPU cooler required) |
| Relative Humidity | 5-95%, non-condensing |
| GW | 1kg |

Ordering Information

- **ROCKY-4784EVG**
PICMG Socket 478 Base SBC with VGA(32MB), Audio, LAN and Gigabit LAN
- **ROCKY-4784EV**
PICMG Socket 478 Base SBC with VGA(32MB), Audio, LAN

IEI Option

- **CB-USB02** Dual ports USB cable with bracket [page 5-6](#)
- **CF-514** High performance Skiving Pentium® 4 CPU cooler [page 5-5](#)

ROCKY-4783

PICMG Socket 478 533MHz FSB CPU Card with VGA, LAN, USB 2.0, 1394 & Audio

Prescott Ready Version coming soon !!



DDR 333

FSB 533



Feature

- Intel Pentium 4 CPU supports upto FSB 533 MHz
- SiS 651 integrated graphic engine
- DDR333 SDRAM memory support
- LAN, IEEE-1394, USB 2.0, Audio integrated

Specifications

| | |
|-----------------------------------|---|
| CPU | Socket-478 base support Intel® Pentium 4 / Celeron™ up to 533 MHz FSB |
| System Chipset | SiS651 + 962 |
| System Memory | 2x 184pin DIMM up to 2GB DDR SDRAM (DDR 200/ 266/ 333 MHz) |
| Display | Chipset integrated 2D/3D Graphics Engine (SiS 651) AGP 4 x bus Chipset integrated 2D/3D Graphic Engine Resolutions: up to 1600x1200 (UXGA) V-RAM: share system memory up to 64MB Connector: DB-15 for CRT display |
| Ethernet | 1x 10/100Mbps fast Ethernet controller onboard (in SiS 962) |
| SSD | 1x Compact Flash™ Type II socket onboard |
| IEEE-1394 | 3x port IEEE-1394a 400Mbps |
| I/O | – 2x RS-232 series port by pin header (16C550 UARTs Compatible) – 1x LPT by pin header (support SPP/EPP/ ECP mode) – 1x IrDA (SIR mode) – 4xUSB (USB 2.0 Compliant) – 1x FDD channel support 1.44MB, 2.88MB and 3-mode – 2x ATA-133 IDE channel support CD-ROM; ZIP and LS-120 bootable. |
| Audio | AC'97 compliant Audio CODEC (Line-in, Line-out, Mic-in by pin header) |
| WDT | software programmable support 1~255 second system reset |
| ISA Plus™ | Design to enhance the ISA bus drive capability (64mA) |
| Hardware Monitoring | CPU Vcore; Vcc; CPU/System Fan speed and Thermal |
| ATX power control function | Meet ACPI 1.1 |
| Remark | 8-bit ISA bus (LPC-ISA) |
| Power Consumption | +5V@3.1A, +12V@7.2A (P4 2.0GHz CPU with 2GB DDR SDRAM, Windows 2000) |
| Operating Temp | 0~60°C (CPU cooler required) |
| Relative Humidity | 5-95%, non-condensing |
| GW | 900g |

Ordering Information

- **ROCKY-4783EV**
PICMG Socket 478 533MHz FSB CPU Card with VGA, LAN, USB 2.0, 1394 & Audio

IEI Option

- **CB-USB02** Dual ports USB cable with bracket
- **CB-IEEE1394** Dual ports IEEE-1394 cable [page 5-6](#)
- **CF-514** High performance Skiving Pentium® 4 CPU cooler [page 5-5](#)