

# ROCKY-4783EV

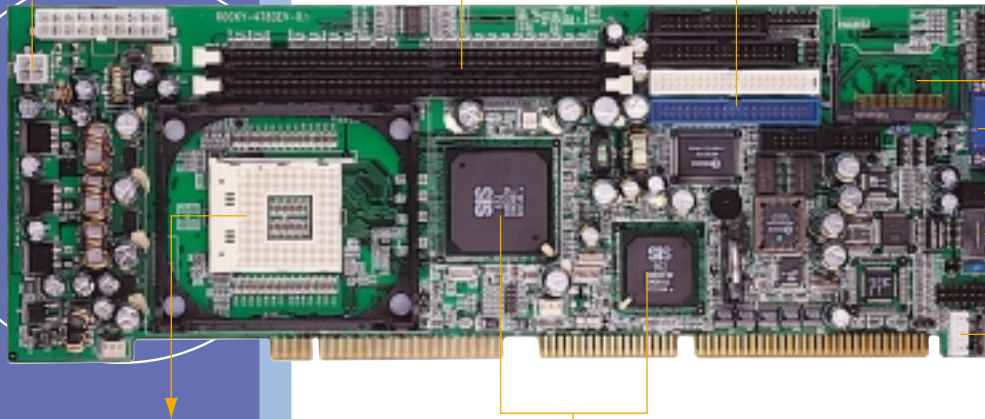
## Socket 478 Base CPU Card with VGA/LAN/Audio/1394

**Support 533MHz  
FSB P4 CPU**

**Support DDR 333  
Memory Module**

ATX-12

Support DDR200/266/333      2 x ATA-133



Support 400/533MHz  
FSB CPU up to 2.53GHz

SiS651+962

CFII

VGA

Speaker Out

10/100Mbps LAN

PS/2  
Keyboard/Mouse

**Most Cost  
Effective  
All-in-One  
P4 SBC !**

### SPECIFICATIONS

**USB 2.0**

**ISAPLUS™**  
**IEEE-1394**



- **CPU:** Support P4 CPU 1.4G-2.53GHz (400MHz FSB/533MHz FSB)
- **System Chipset:** SiS651 + 962, PCI 2.2 compliant
- **System Memory:** 2x 184pin DIMM up to 2GB DDR SDRAM (DDR 200/DDR 266/DDR 333)
- **Display: Chipset integrated 2D/3D Graphics Engine (SiS 651)**  
AGP 4 x bus bandwidth  
Chipset integrated SiS315 2D/3D Graphic Engine  
Resolutions: up to 1600x1200 (UXGA)  
V-RAM: share system memory up to 64MB  
Connector: DB-15 for CRT
- **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 by pin header
- **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 by pin header (SIR mode)  
-4xUSB port by pin header (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 rest
- **ISAPlus™:** 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
- **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 needed)
- **Relative Humidity:** 5-95%, non-condensing
- **GW:** 900g

#### Support P4 Power Supply List

	Max. 12V	Max. 5V	Input
ACE-R30A/30AP(230V)	15A	35A	AC ATX
ACE-C232	12A	25A	AC AT
ACE-832A/AP	15A	30A	AC ATX
ACE-828A/C/T/M	15A	30A	AC ATX
ACE-840A/AP	15A	40A	AC ATX
ACE-940AP	15A	40A	AC AT
ACE-930AP(230V)	12A	30A	AC AT
ACE-932T	10A	35A	48 VDC
ACE-925P	10A	25A	110 VDC
ACE-925T	8A	25A	48VDC
ACE-723T/C	12A	33A	48/24 VDC
ACE-723A/B	12A	33A	AC AT
ACE-716A/AP	10A	25A	AC AT
ACE-716T/C	10A	25A	48/24 VDC

#### USB 2.0 Technology

USB provides an expandable, hot-pluggable Plug and Play serial interface that ensures a standard, low-cost connection for peripheral devices. Devices suitable for USB range from simple input devices such as keyboards, mice, and joysticks, to advanced devices such as printers, scanners, storage devices, modems, and video conferencing cameras. Migration to USB is recommended for all peripheral devices that use legacy ports such as the PS/2, serial, and parallel ports.

USB 1.0/1.1 support data transfer at up to 1.5 Mbps for low-speed devices and up to 12 Mbps for full-speed devices. Microsoft, HP, Compaq, Intel, Agere, NEC and Philips are seven core members of USB-IF to have worked on USB 2.0 standardization. USB 2.0 will support up to 480 Mbps for high-speed devices. USB 2.0 is suitable for high-performance devices such as high-quality video conferencing cameras, high-resolution scanners, and high-density storage devices. In addition, USB 2.0 supports old USB 1.0/1.1 software and peripherals, offering impressive and even better compatibility to customers.

### ORDERING INFORMATION

- **ROCKY-4783EV** PICMG Socket 478 base SBC with VGA, Audio, LAN, IEEE-1394
- **CB-USB02** Dual ports USB cable with bracket
- **ACE-840A/AP** 400W ATX power supply for P4 system
- **ACE-940AP** 400W AT power supply for P4 system