

ROCKY-4786EVG

Socket-478 800MHz FSB Based CPU board with Dual LAN, Audio, USB2.0

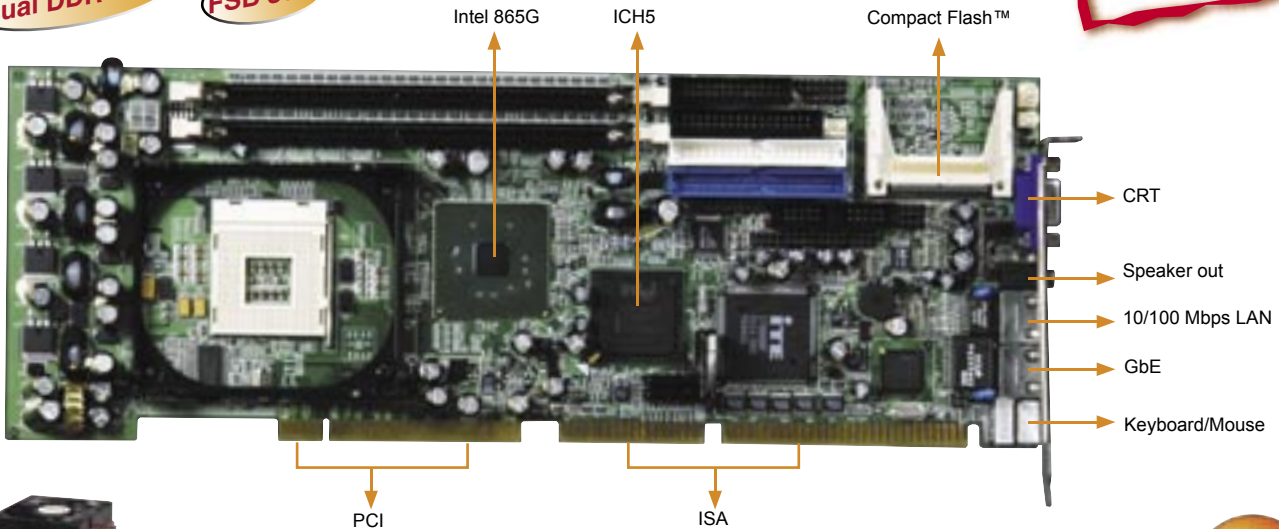
SBC

5 YEARS LONG TERM SUPPORTS

Dual DDR 400

FSB 800

Supports Hyper-Threading Technology



CF-514
High performance Skiving Pentium® 4 CPU cooler (Ordered separately)

SPECIFICATIONS

- ◆ Material: Aluminum Skiving
- ◆ Dimensions: 83(W)x69(D)x55(H) mm
- ◆ Fin pitch: 0.7mm
- ◆ Fin thickness: 0.15mm
- ◆ Capability: 86 W

SPECIFICATIONS

USB 2.0



- ◆ CPU: Socket-478 for Intel® Pentium® 4 with 533/800MHz FSB
- ◆ System chipset: Intel® 865G + ICH5
- ◆ System memory: Dual channel DDR 333/400 SDRAM socket support up to 2GB
- ◆ Display: Integrated in Intel® 865G
 - Bus: AGP 4X/8X
- ◆ SSD: 1 x Compact Flash™ Type II socket
- ◆ Ethernet:
 - 1 x 10/100Mbps i82562ET Ethernet
 - 1 x 10/100/1000Mbps i82547 Ethernet by CSA (Communication Streaming Architecture)
 - 2 x 10/100Mbps i82559 Ethernet (ROCKY-4786E2V)
- ◆ Audio: AC'97 CODEC
- ◆ I/O:
 - 2 x RS-232 serial port by pin header
 - 1 x LPT by pin header (supports SPP/EPP/ECP mode)
 - 8 x USB 2.0 by pin header
 - 1 x PS/2 for Keyboard/Mouse
 - 2 x IDE ATA-100 (40-pin header with 2.54mm pitch)
 - 1 x Floppy (34-pin with 2.54mm pitch)
 - 2 x Serial-ATA 150
 - 1 x IrDA
- ◆ WDT : Software programmable supports 1 ~ 255 sec, system reset
- ◆ Hardware Monitor: Provides CPU Vcore, Vcc, CPU/ System fan speed and temperature detecting function
- ◆ Power Consumption: +12V@7.52A, -12V@500mA, +5V@6.98A (P4 3.0GHz FSB 800MHz; Dual channel DDR400 512MB SDRAM)
- ◆ Operation Temperature: 0~60°C
- ◆ Relative Humidity: 5~95%, non-condensing

Note: For DVI / NIC Teaming capability function, please contact with supplier

Intel Pentium 4 Processor supports Hyper-Threading technology	
Speeds Supporting Hyper-Threading Technology	800 MHz system bus: 3.20, 3.0, 2.80, 2.60, 2.40 GHz 533 MHz system bus: 3.06 GHz
Other Available Speeds	533 MHz system bus: 2.80, 2.66, 2.53, 2.40, 2.26 GHz 400 MHz system bus: 2.60, 2.50, 2.40, 2.20, 2.0 GHz

Intel® 82547 & CSA

The Intel® 82547 Gigabit Ethernet Controller enables full-duplex Gigabit Ethernet performance with groundbreaking Communication Streaming Architecture (CSA). A generation ahead of other Gigabit controllers, the Intel® 82547 Gigabit Ethernet Controller bypass the PCI bus, freeing its bandwidth for other I/O operations, and connects to the dedicated CSA bus on the Memory Control Hubs (MCH) of the Intel® 865 and 875 chipsets for the Intel® Pentium® 4 processor. The CSA port architecture is invisible to both system software and the operating system, allowing conventional "PCI-like" configuration. CSA offers lower memory latency and higher performance than PCI-based controllers, giving the end-user a true Gigabit networking experience.

ORDERING INFORMATION

- **ROCKY-4786EV** PICMG Socket 478 800MHz FSB Base SBC with VGA, LAN, USB2.0 & Serial-ATA
- **ROCKY-4786EVG** PICMG Socket 478 800MHz FSB Base SBC with VGA, LAN, GbE, USB2.0 & Serial-ATA
- **ROCKY-4786E2V** PICMG Socket 478 800MHz FSB Base SBC with VGA, Dual LAN, USB2.0 & Serial-ATA
- **CB-USB-02** Dual port USB cable
- **CF-514** High performance Skiving Pentium® 4 CPU cooler