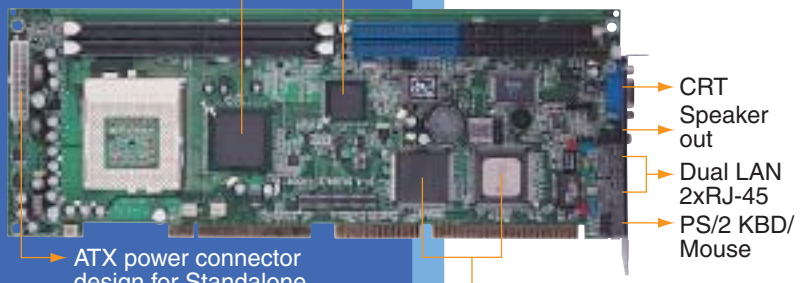
ROCKY-3785EVG

Socket-370 Boese CPU Card with VGA/LAN & Audio

Tualatin Supports



SPECIFICATIONS

- **CPU:** support Tualatin, Pentium® III, Cerelon™ CPU with 66/100/133MHz FSB
- **System Chipset:** Intel® 815E B stepping
- **System Memory:** Max. 512MB, 2xDIMM
- **Display :** Intel 815E chipset integrated with share memory architecture (DVMT)
  Resolution : Max. 1600x1200, 8-bit colors
- **Ethernet:**
  – 1 x 10/100Mbps : Built-in Intel® 815E chipset (i82562ET)
  – 1 x Gigabit ethernet NS DP83820 (ROCKY-3785EVG)
- **Audio :** AC'97 compliant Audio CODEC
- **I/O :** – 2 x RS-232 serial port (16C550 UARTs compatible)
  – 1 x parallel port (SPP/EPP/ECP)
  – 2 x USB 1.1 (Pin header)
  – 1 x IrDA (SIR)
  – 1 x FDD port, support 1.44MB, 2.88MB, 3-mode function
  – 2 x ATA-100 channels
- **Hardware monitoring**
- **ATX power control function**
- **WDT:** software programmable, support 1~ 255 sec. system reset
- **Power Consumption:** 5V@7.6A, 12V@230mA (Intel 1GHz CPU with 256MB Memory)
- **Operating Temperature:** 0-60°C (CPU cooler required)
- **Relative Humidity:** 5-95%, non-condensing
- **GW:** 900g

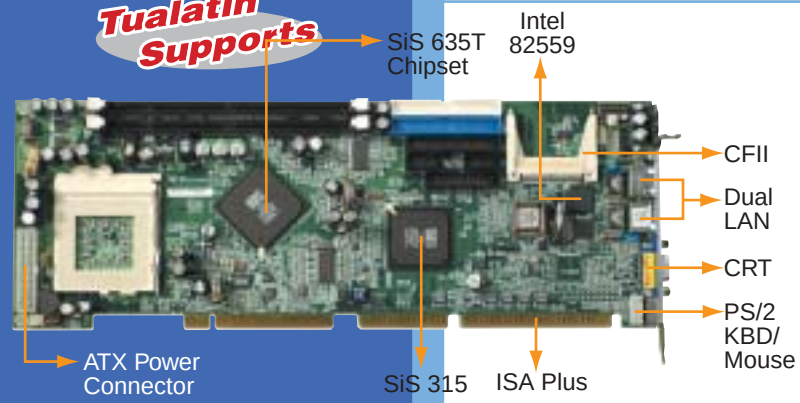
ORDERING INFORMATION

- **Rocky-3785EV**
  Socket 370 base SBC with VGA, LAN
- **ROCKY-3785EVG**
  Socket 370 base SBC with VGA, LAN, GbE
- **CB-USB02**
  Dual ports USB cable with bracket

ROCKY-3708E2V

Socket-370 Base CPU Card with LAN, VGA/32MB, 5.1 Channel Audio

Tualatin Supports



CMI-8738 5.1 channel Hardware Sound chip

Being compatible with A3D™ and DirectSound™ 3D, CMI8738 meets PC99® requirements. CMI8738 uses HRTF 3D extension technology to enhance traditional HRTF 3D positional audio by substituting two-speaker system by four or six - speaker one (it supports additional 2 ch 16-bit DAC to provide rear side audio and another 2 ch for subwoofer/Center). It greatly improves HRTF 3D positional audio quality and successfully removes the sweet spot limitations: users can enjoy genuine 3D audio gaming effects, and don't have to worry about the environmental confinement any more.

SPECIFICATIONS

- **CPU:** Socket-370 base 66/100/133MHz FSB CPU up to Intel P3 Tualatin CPU
- **System Chipset:** SiS 635T chipsets
- **System Memory:** 2 x DIMM (168-pin) for SDR Memory module max. 1GB SDRAM memory size
- **Display:**
  SiS 315 with 32MB SDRAM, DB-15 for CRT
  AGP interface: AGP 4X, 266MHz, 1GByte data bandwidth
  Built-in 256-bit 3D engine up to 2048 texture size
- **Ethernet:** 2x10/100Mbps Ethernet with RJ-45 (SiS 635T build-in & Intel 82559)
- **SSD:** 1 x CompactFlash Type II Socket support Flash Disk or IBM Micro Drives (option)
- **Audio:** 1x PCI hardware sound (C-Media 8738) on board
  1xLine-in, 1xLine-out, 1xSub-out, 1x Micro-in, 1 x Rear-out
- **I/O:** – 2 x RS-232 serial port
  – 1 x parallel port (SPP/EPP/ECP)
  – 2x USB 1.1 (Pin header)
  – 1x channel support 2x3.5" FDD, support 1.44MB, 2.88MB and 3 mode function
  – 2 x ATA-100 channel support HDD, CDROM, LS-120, and ZIP.
  – 1x PS/2 controller
- **Hardware monitoring**
- **ATX power control function**
- **WDT:** Software programmable, support 1~ 255 sec. system reset
- **8-bit ISA bus (LPC-ISA)**
- **ISA Plus™:** Designed to enhance the ISA bus drive capability
- **Power connector:** 1x ATX 20-pin connector
- **Interface:** PICMG 338 x 122mm (13.3" x 4.8")
- **Operating Temperature:** 0-55°C (CPU cooler required)
- **Relative Humidity:** 5-95%, non-condensing
- **GW:** 900g

ORDERING INFORMATION

- **ROCKY-3708E2V** Socket 370 base CPU card with Audio, VGA/32MB, Dual LAN (SiS+Intel 82559)
- **ROCKY-3708EV** Socket 370 base CPU card with Audio, VGA/32MB, LAN (SiS)
- **CB-USB02** Dual ports USB cable with bracket