ROCKY-3705EV
Socket-370 Base CPU Card with LAN ,VGA, and Audio

ROCKY-3703EVR
Socket-370 Base CPU Board with Dual LAN/ VGA/Audio/IDE RAID

Tualatin Supports

The most cost-effective CPU board for IT application

Up to 1GB SDRAM
Compact Flash type II
10/100Mbps Ethernet
COM 1

ROCKY-3705

ATX Power Connector
Keyboard/ Mouse
VGA

1.5GB SDRAM
IDE RAID

ROCKY-3703

DiskOnChip™ Socket
Dual Intel® 82559 LAN
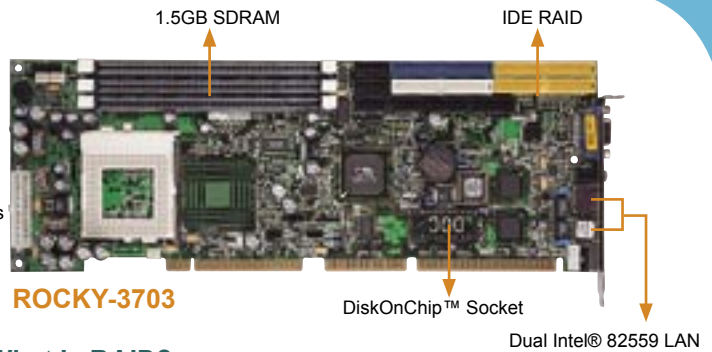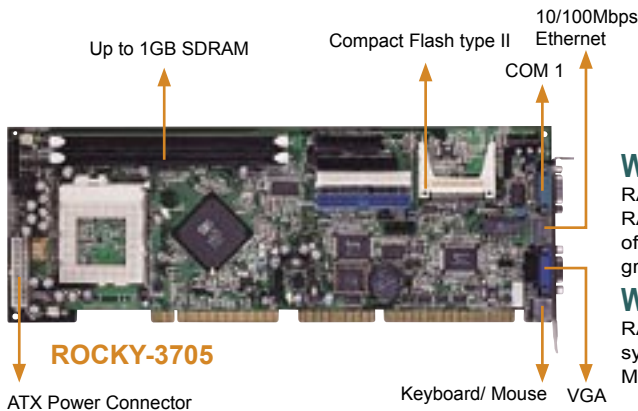
What Is RAID?

RAID stands for Redundant Array of Inexpensive Disks.
RAID is a method of combining several hard drives into one unit. It can offerfault tolerance and higher throughput levels than a single hard drive or group of independent hard drives.

Why Do We Need It?

RAID provides real-time data recovery when a hard drive fails, increasing system uptime and network availability while protecting against loss of data. Multiple drives working together also increase system performance.

SPECIFICATIONS

- ◆ CPU: Socket-370 base 66/100/133MHz FSB Celeron™ / Pentium® III
- ◆ BIOS: Award PnP BIOS
- ◆ System Chipset: S3 pro Savage
- ◆ System Memory:Two 168-pin DIMM sockets up to 1GB SDRAM
- ◆ Display:
  – Integrated in SiS630ET Chipset
  – Bus:AGP 66MHz
  – V-RAM: Share with system memory up to 64MB RAM
  – Resolution: 1600 x 1200 (16-bit colors)
  – Connector: DB-15 for CRT display
- ◆ Ethernet: 10/100Mbps by SiS630ET Chipset Support WOL function
- ◆ SSD: Support Compact Flash™ Type II Socket
- ◆ 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 IDE channels
- ◆ WDT: software programmable, support 1~ 255 sec. system reset
- ◆ Support ATX power control function
- ◆ 8-bit limited ISA (LPC-ISA)
- ◆ Power Consumption: 5V@6A, 12V@170mA (Pentium® III 500MHz CPU and 512MB SDRAM)
- ◆ Operating Temperature: 0~60°C (CPU cooler required)
- ◆ Relative Humidity: 5~95%, non-condensing
- ◆ GW: 900g

SPECIFICATIONS

- ◆ CPU: Socket-370 base 66/100/133MHz FSB support Celeron™ /Pentium® III
- ◆ System Chipset : VIA PM133
- ◆ System Memory : Three 168-pin DIMM sockets up to 1.5GB SDRAM/VCM/ESDRAM
- ◆ Display :
  – Chipset Integrated Savage4 2D/3D/Video Accelerator
  – 2-32MB frame buffer using system memory(SMA)
  – 2D/3D resolutions up to 1920x1440
- ◆ Ethernet : Dual Intel® 82559 10/100Mbps LAN Chip
- ◆ Audio : AC'97 compliant Audio CODEC
- ◆ SSD : Support DiskOnChip™ Socket
- ◆ I/O :
  – 2 x RS-232 ports (16C550 UARTs compatible)
  – 1 x LPT parallel port (SPP/EPP/ECP)
  – 4 x USB (USB Ver.1. standard)
  – 1 x IrDA (SIR)
  – 1 x FDD support 1.44MB, 2.88MB and 3-mode
  – 2 x ATA-100 channels from PM133 chipset
- ◆ IDE RAID :Extra dual ATA-100 ports with RAID-0,1, 0/1 function Controller - PROMISE PDC-20267
- ◆ WDT: Software programmable, support 1~ 255 sec. system reset
- ◆ Support ATX power control function
- ◆ ISA Plus : Designed to enhance the ISA bus drive capability
- ◆ Power Consumption : 5V@5A, 12V@170mA(PIII 850MHz and 256MB SDRAM)
- ◆ Operating Temperature: 0~60°C (CPU cooler required)
- ◆ Relative Humidity: 5~95%, non-condensing
- ◆ GW: 900g

Levels of RAID

RAID Level	Description	Minimum # of Drives	Benefit
RAID 0	Data striping (no data protection)	2	Highest performance
RAID 1	Disk mirroring	2	High data protection
RAID 0/1	RAID 0 and RAID 1 combined	4	Highest performance with highest data protection

ORDERING INFORMATION

- ● **ROCKY-3705EV-R2**
  Socket-370 Base CPU Card with LAN,VGA, and Audio
- ● **CB-USB02**
  Dual ports USB cable with bracket

ORDERING INFORMATION

- ● **ROCKY-3703EVR** Socket-370 Base CPU Card with Dual LAN/VGA/Audio/IDE RAID
- ● **ROCKY-3703EV** Socket-370 Base CPU Card with Dual LAN/VGA/Audio
- ● **ROCKY-3703E1V** Socket-370 Base CPU Card with LAN/VGA/Audio
- ● **CB-USB02** Dual ports USB cable with bracket