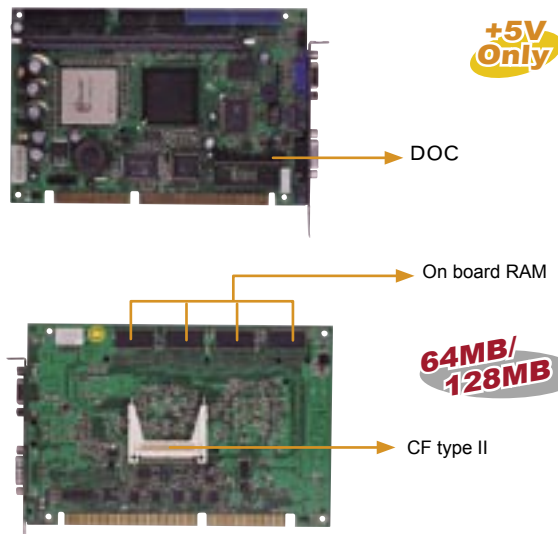
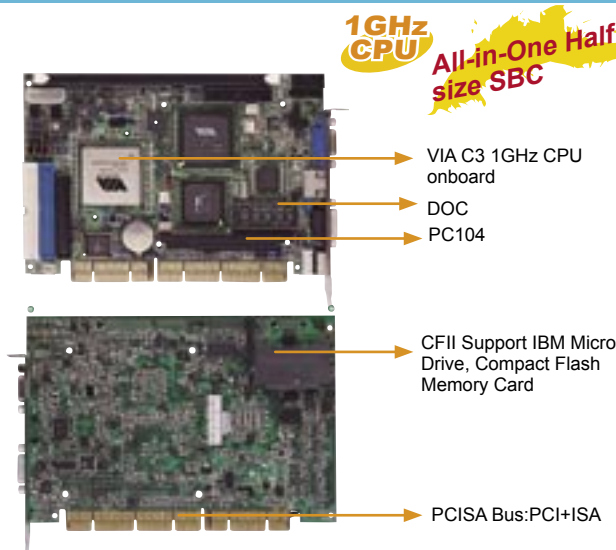


PCISA-C800EV-1G ROCKY-512

PCISA Bus Embedded VIA Low Power CPU with VGA/LAN/Audio

ISA Bus Embedded NS-GX1-300 CPU with CRT VGA, LAN, 64MB/128MB Onboard SDRAM

SBC



SPECIFICATIONS

- ◆ CPU: Embedded VIA C3 /EDEN CPU (EBGA package)
 - ◆ System Chipset: VIA 8601A + 686B, PCI 2.2 compliant
 - ◆ System Memory: 1x DIMM up to 512MB SDRAM
 - ◆ Display:
 - 64-bit Single Cycle 2D/3D Graphics Engine (VIA 8601A)
 - AGP 4X bus bandwidth up to 533 MB/sec
 - Resolutions: up to 1600x1200 (UXGA)
 - Integrated 24-bit 230MHz True Color DAC
 - V-RAM: Share system memory up to 8MB
 - Support I²C bus interface
 - Connector: DB-15 for CRT
 - ◆ Ethernet: 1x 10/100Mbps fast Ethernet controller onboard (Intel 82559 / Realtek RTL8100B)
 - ◆ SSD: 1x Disk On Chip socket and 1x CompactFlash™ type II socket onboard
 - ◆ I/O:
 - 1x RS-232 series port by pin header (16C550 UARTs Compatible)
 - 1x RS-232/422/485 selectable port with Auto-Direction function
 - 1x LPT by pin header (support SPP/EPP/ ECP mode)
 - 1x IrDA by pin header (SIR mode)
 - 4xUSB port by pin header (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™ : Design 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: +5VSB@180mA, +12V@170mA, +5V@3.8A (VIA C3 800MHz CPU with 512MB SDRAM, Windows 2000)
 - ◆ Operating Temp: 0~60°C (CPU cooler required)
 - ◆ Relative Humidity: 5-95%, non-condensing
 - ◆ GW: 700g
- Note: CPU cooling fan included !

ORDERING INFORMATION

- **PCISA-C800EVN-1G**
Embedded VIA C3 1GHz SBC with VGA, Audio, LAN (i82559)
- **PCISA-C800EVR-1G**
Embedded VIA C3 1GHz SBC with VGA, Audio, LAN (RTL8100)
- **PCISA-EDEN-400EVN**
PCISA Bus Embedded VIA EDEN 400MHz SBC with VGA, Audio, LAN (i82559)
- **PCISA-EDEN-400EVR**
PCISA Bus Embedded VIA EDEN 400MHz SBC with VGA, Audio, LAN (RTL8100)
- **CB-USB02** Dual ports USB cable with bracket

SPECIFICATIONS

- ◆ CPU : Embedded low power consumption National Semiconductor Geode GX1 300MHz CPU
- ◆ System chipset: National Semiconductor Geode GX1 with CS5530A
- ◆ System memory :
Onboard 64 or 128MB SDRAM and 1x PC100/133 SDRAM slot up to 512MB
- ◆ Display : Built-in CS5530A chip
 - V-RAM: Shared with system memory up to 4MB, adjustable via BIOS setup program.
 - Resolution: Up to 1280x1024
 - Connector: DB-15 for CRT display
- ◆ SSD : 1x onboard Compact Flash type II socket and; One DiskOnChip socket
- ◆ Ethernet : 1x onboard Realtek RTL8100B 10/100bps fast Ethernet controller
- ◆ I/O:
 - 1x RS-232 and 1 x RS-232/422/485 (selectable) serial ports by pin header
 - 1x LPT parallel port by pin header (supports SPP/EPP/ECP mode)
 - 1x IrDA (SIR mode)
 - 2x USB 1.1 port by pin header
 - 1x ATA/33 IDE channel supports CD-ROM, ZIP and LS-120 drive bootable
 - 1x FDD connector, support 1.44/2.88MB and 3-mode floppy drive
- ◆ Digital I/O : 4 pins for input and 4 pins for output
- ◆ Power control function :
Meets ACPI 1.1 specification, comes with external power connector of 5V input
- ◆ Power Consumption : 5V@1.8A (with an extra 128MB SDRAM module)
- ◆ Operating Temperature : 0~60°C
- ◆ Relative Humidity : 5~95%, non-condensing

ORDERING INFORMATION

- **ROCKY-512** Embedded NS GX1-300MHz CPU with VGA, LAN
- **ROCKY-512-64MB** Embedded NS GX1-300MHz CPU with onboard 64MB SDRAM, VGA, LAN
- **ROCKY-512-128MB** Embedded NS GX1-300MHz CPU with onboard 128MB SDRAM, VGA, LAN