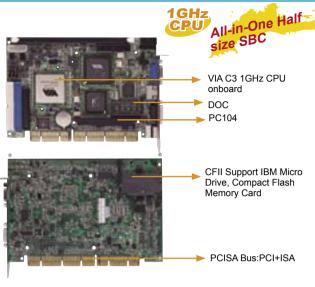
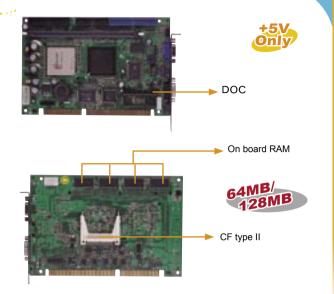
PCISA-C800EV-1

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





SPECIFICATIONS ISALLUS







- ◆ 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 RTI 8100B)
- ♦ 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: 700a

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
- 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