

NEW

ROCKY512EV

ISA Bus Embedded NS-GX1-300 CPU with CRT VGA, LAN, Onboard SDRAM

**Fan-Less and Cost
Effective Solution**

**+5V
Only**

SPECIFICATIONS

ISA BUS™



**ISA
Master**

DOC

On board
RAM



CF type II

- **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; One DiskOnChip socket
- **Ethernet:** 1x onboard Realtek RTL8100 10/100bps fast Ethernet controller
- **I/O:** – 1x RS-232 and 1x RS-232/422/485 (selectable) serial ports by pin header
 - 1x LPT parallel port by pin header (supports SPP/EPP/ECP mode)
 - 1x IrDA by pin header (SIR mode)
 - 2x USB 1.1 port by pin header
 - 1x ATA/100 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
- **Hardware Monitoring:** Provides CPU Vcore, Vcc, CPU/System fan speed and temperature detecting function.
- **Power control function:** To meet 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

- **ROCKY512EV** Embedded NS GX1-300MHz CPU with VGA, LAN
- **ROCKY512EV-64MB** Embedded NS GX1-300MHz CPU with onboard 64MB SDRAM, VGA, LAN
- **ROCKY512EV-128MB** Embedded NS GX1-300MHz CPU with onboard 128MB SDRAM, VGA, LAN