

ROCKY-512

ISA Bus Embedded NS-GX1-300 CPU

with CRT VGA, LAN, 64MB/128MB Onboard SDRAM

Fan-Less and Cost Effective Solution

+5V Only

SPECIFICATIONS

ISA BUS



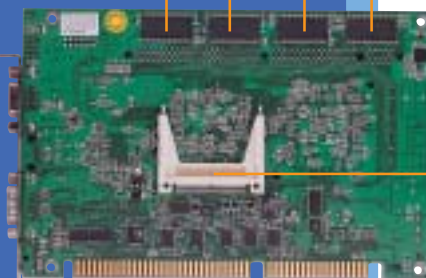
ISA Master

DOC

64MB/128MB

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 and; 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 (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** : 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

JUKI-3711PT

PCISA Bus Socket 370 Base CPU Card with LCD/CRT,LAN

Tualatin Supports



SPECIFICATIONS

- **CPU**: Socket-370 66/100/133 MHz FSB Tualatin, P III/ Celeron™ J UKI-3711P and J UKI-3712 CPU support up to 1GHz
- **System Chipset**: VIA 694T+686B chipsets
- **System Memory**: 1 x DIMM (168-pin) for SDR Memory module up to 512MB
- **Display**: C&T 69000(2M V-RAM) controller, 69030(4M V-RAM) optional DB-15 for CRT, 50pin pin-header for LCD, with FP24-01A for 18/24-bit LCD Resolution: max. 1280 x 1024, 256 colors
- **Ethernet**: 1x10/100Mbps Ethernet controller with RJ -45 (Intel 82559 or Realtek RTL8100/8100B Chip)
- **SSD**: 1 x DOC socket support up to 288MB
- **I/O**
 - IDE: 1x ATA-100 IDE channel support HDD, CDROM, LS-120, and ZIP.
 - FDD: 1 x port, support 1.44MB, 2.88MB, 3-mode function
 - COM: 2 x RS-232 serial ports Auto-Direction function
 - LPT: 1 x parallel port (SPP/EPP/ECP)
 - USB: 2x USB 1.1 ports (Pin header)
 - KB/MS: 1x PS/2
- **Hardware monitoring**
- **ATX power control function**
- **WDT**: software programmable, support 1~ 255 sec. system reset
- **Power connector**: Molex 8981-4M equivalent (5V, 12V input)
- **Power Consumption**: 12V@0.5mA, 5V@7A (P3-1G with 256MB)
- **Operating Temperature**: 0-60°C (CPU cooler required)
- **Relative Humidity**: 5-95%, non-condensing
- **Dimensions**: 185 x 122mm (7.3" x 4.8")
- **GW**: 700g

ORDERING INFORMATION

- **JUKI-3711PTN** Socket 370 base CPU card with LCD/CRT VGA, LAN (Intel 82559)
- **JUKI-3711PTR** Socket 370 base CPU card with LCD/CRT VGA, LAN (RTL-8100)

* optional C&T 69030 4MB VRAM, minimum Qty required