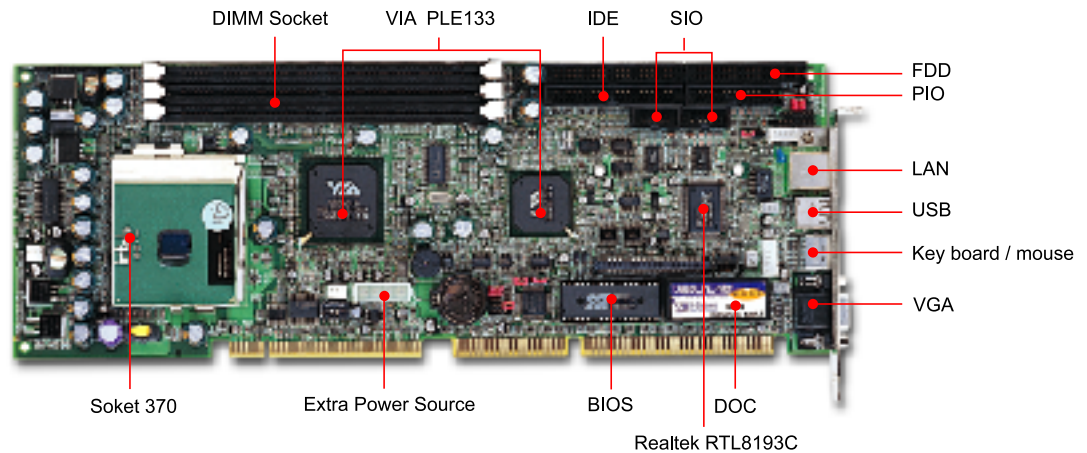


# NC-6060

Best Cost/Performance All-in-One PICMG SBC with VGA/LAN  
Based on the pentium® III Processor



**NC6060** is built with VIA PLE133 high performance graphic integrated chipset and cost effective Realtek fast Ethernet controller that support Intel® high performance processor; Intel® Socket 370 type Pentium® III Processor. Based on Intel® Celeron™ or Pentium® III processor, and supporting DIMM up to 1GB SDRAM. NC6060 is the best solution for computer telephony and Telecommunications.

## Specification

### CPU

- Intel® Celeron™ and Pentium® III processors With FSB 66/100/133 MHz

### BIOS

- AMI system BIOS with 256KB Flash ROM

### Main Memory

- Three 168-pin DIMM sockets support PC/133/100 SDRAM up to 1GB

### L2 Cache Memory

- 128KB L2 Cache built in Celeron™ and 256KB in Pentium® III processor

### Chipset

- VIA PLE133 Chipset

### Bus Interface

- Follow PICMG 1.0 Revision 2.0 standard (32-bit PCI and 16-bit ISA)

### On-board VGA

- VIA 2D/3D AGP VGA; 1280 X 1024 with 256 colors at refresh rates 60Hz
- Display cache with shared memory up 8MByte

### On-board Ethernet LAN

- RealTek 8139C PCI Fast Ethernet Controller rated LAN controller to support RJ-45

### PCI IDE Interface

- Support two enhanced IDE ports up to four HDD and Ultra DMA/33/66/100

### Floppy Drive Interface

- Support one FDD port up to two floppy drives

### Serial Ports

- Support two high-speed 16C550 compatible

### UARTs IR Interface

- Support one 6-pin header for serial Standard Infrared wireless communication

### Parallel Port

- Support one parallel port with SPP, EPP and ECP Modes

### USB Interface

- Support two USB (Universal Serial Bus) ports for high-speed I/O peripheral devices
- Note:** For a standalone application, both USB ports may be available. For installing NC6060 in a standard Chassis, physical limitation will only allow one USB port to be available

### PS/2 Mouse and Keyboard Interface

- Support one 6-pin Mini-DIN connector and one 5-pin shrouded connector for PS/2 use/keyboard connection

### ATX Power Control Interface

- One 4-pin header to support ATX power control with Modem Ring-On and Wake-On-LAN function

### Auxiliary I/O Interfaces

- System reset switch, external speaker and HDD active LED

### Real Time Clock/Calendar (RTC)

- Support Y2K Real Time Clock/calendar with battery backup

### Watchdog Timer

- Support 8 intervals from 0.5 sec./min. to 64 sec./max. by hardware jumper setting

### Disk-On-Chip (DOC) Feature

- Reserved one 32-pin socket for M-systems Flash Disk up to 288MB
- DOS, Windows, Win95, NT (bootable) drivers and Utility supported

### On-board 68-pin PCI device connector

- Support one additional PCI device daughter board

### High Driving Capability

- Support 64mA high driving capability for multi-slots ISA-bus

### External Power Connector

- Support one standard 5-1/4" disk drive power connectors to enhance power driving

### CPU Cooling Fan

- To support two 3-pin headers with wafer

### System Monitoring Feature connector

- Monitor CPU and system temperature

### Bracket

- Support one Mini-DIN, two-port USB, one Ethernet port and one CRT port

### Physical and Environmental Requirements

- Outline Dimension : 338.5 (L) X 122(W) mm 13.33"(L) X 4.8"(W)
- PCB layout : 6 layer
- Power Requirements : +5V @8A, +12V @150mA, -12V @20mA
- Operating Temperature : 0°C ~ 55°C, 32°F ~ 131°F
- Storage Temperature : -20°C ~ 75°C, -4°F ~ 167°F
- Relative Humidity : 5%~95%, non-condensing

## Ordering Guide

### NC6060

Highly integrated SBC with VGA/LAN, based on Socket 370 pentium® III or Celeron

