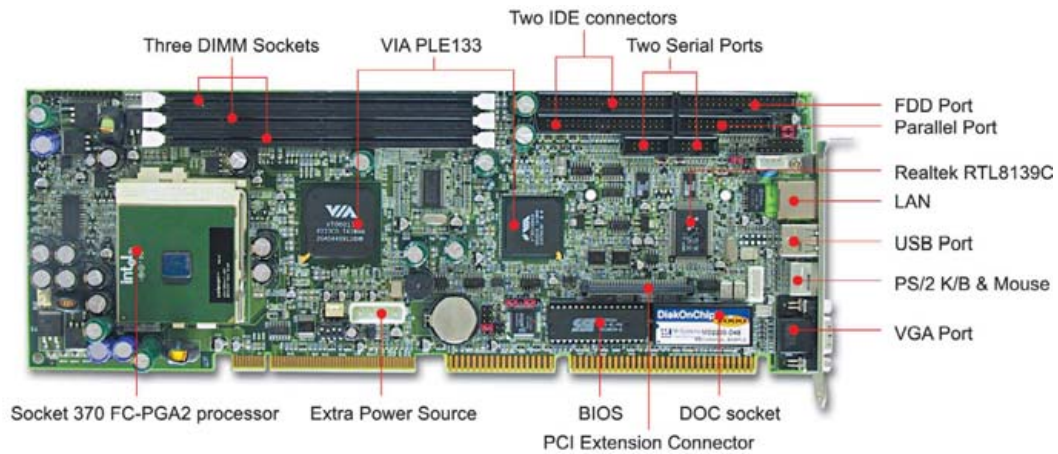


# NC-6060

Intel® Pentium® III or Celeron® (FC-PGA2) processor based PICMG SBC with VGA and Fast Ethernet



## FEATURE

- Cost-effective design for high speed Intel® Pentium® III or Celeron® processor
- VIA PLE133 chipset delivers excellent levels of scalability and performance on a cost-effective, integrated chipset platform with high graphics integration
- PC100/133MHz SDRAM for cost effective memory support
- VIA 2D/3D AGP VGA with up to shared 8MB display memory for high-quality integrated video
- On-board Realtek 8139C Fast Ethernet provides economic network connection
- Standard features for embedded system, like H/W monitoring, WDT and SSD
- Proprietary PCI connector for expansion (optional daughter board provided, such as Ultra 160 SCSI or Fast Ethernet)

## Ordering Information

<b>Standard</b>	<b>NC-6060</b> Pentium® III or Celeron® (FC-PGA2) processor based PICMG SBC with VGA and Fast Ethernet
<b>Optional</b>	<b>ROBO-U160</b> SCSI extension module with Portwell OmniPCI™ connection interface <b>ROBO-N100</b> Single Fast Ethernet port extension module with Portwell OmniPCI™ connection interface

## General

<b>CPU</b>	CPU & Package: Intel® Pentium® III / Celeron® processor in the FC-PGA/FC-PGA2 370 package FSB: 133/100/66MHz
<b>Chipset</b>	VIA PLE133 and VT82C686B
<b>Memory</b>	Up to 1GB PC/VCM 133/100 SDRAM on three 168-pin DIMM sockets
<b>BIOS</b>	Award BIOS
<b>Display</b>	- VIA 2D/3D AGP VGA - 8MB shared display memory - Display resolution up to 1280x1024, 256 colors at refresh rate 60Hz
<b>Ethernet</b>	- Realtek 8139C PCI Ethernet - 10BASE-T/100BASE-TX Ethernet - IEEE 802.3u auto-negotiation support - One RJ-45 connector
<b>Audio</b>	N/A
<b>SCSI</b>	N/A
<b>Expansion Interface</b>	Proprietary PCI connection interface
<b>ISA Bus</b>	64mA high driving ISA bus interface to backplane for legacy ISA slots
<b>EIDE</b>	Support four EIDE devices with Ultra DMA 100/66/33
<b>Solid State Disk</b>	DOC socket for up to 288MB
<b>I/O</b>	- Up to two floppy disk drives - Two serial, one parallel, one IrDA and three USB ports - One 6-pin mini-DIN connector for keyboard and mouse - One 5-pin header for external keyboard connection
<b>ACPI Function</b>	- ATX function with 4-pin header connect to backplane - Modem-Ring-On and Wake-On-LAN
<b>Hardware Monitoring</b>	System monitor (fan, temperature, voltage)
<b>Watchdog Timer</b>	- Programmable via software from 0.5 sec. to 254.5 min. - Can be enabled/disabled by jumper
<b>Power Requirement</b>	+5V@8A; +12V@150mA; -12V@20mA (typ.)
<b>Mechanical</b>	Dimension: 338.5(L) x 122(W) / 13.33"(L) x 4.8" (W) PCB: 6-layer
<b>Environmental</b>	Operating Temperature: 0 to 55°C Storage Temperature: -20 to 75°C Relative Humidity: 5% to 95%, non-condensing
<b>Approval</b>	CE, FCC Class A
<b>MTBF</b>	104,912 hrs