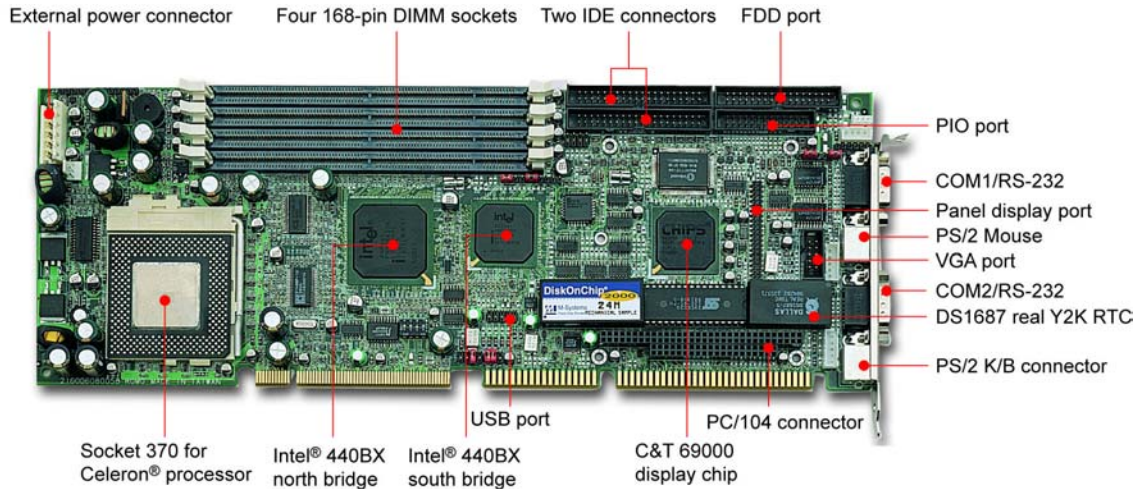


# ROBO-608

Socket 370 PICMG SBC with PCI VGA and panel display



## Feature

- Reliable design for high speed Intel® Pentium® III or Celeron® processor
- Intel® 440BX AGPset, the most stable and highly market recognized chipset from Intel®
- PC100 MHz SDRAM for cost effective memory support
- ECC function for data sensitive application
- C&T 69000 and 2 MB SDRAM provide a high performance, low power, highly integrated solution and versatile panel support
- Standard features for embedded system, like H/W monitoring, WDT, SSD and Wake-on-LAN
- One DOC socket for booting Windows NT directly
- PC/104 expansion connector for higher flexibility and expandibility

## Specifications

<b>CPU</b>	Intel® Pentium® III processors in the FC-PGA 370 package Intel® Celeron® processors in the PPGA & FC-PGA 370 package
<b>System Bus Frequency</b>	66/100 MHz
<b>Chipset</b>	Intel® 82440BX AGPset
<b>Memory</b>	- Up to 1GB PC100 SDRAM on four 168-pin DIMM sockets - ECC support
<b>L2 Cache Memory</b>	Built-in CPU
<b>BIOS</b>	AMI BIOS
<b>On-Board I/O</b>	- On-board Winbond W83977ATF super I/O - Support for four EIDE devices with Ultra DMA/33 - Up to two floppy disk drives - Two serial, one parallel, one IrDA and two USB ports
<b>Watchdog Timer</b>	- Programmable via software from 0.5 sec. to 254.5 min. - Adjustable via hardware jumper setting from 0.5 sec. to 64 sec.
<b>Keyboard/Mouse</b>	- One mini-DIN 6-pin connector for keyboard and mouse - One 5-pin header for external keyboard connection
<b>Expansion Interface</b>	PC/104 expansion connector
<b>ISA Bus</b>	64mA high drivig ISA bus interface to backplane for legacy ISA slots
<b>Hardware Monitor</b>	System monitor (fan, temperature, voltage)
<b>ACPI Function</b>	ATX function with 4-pin header connect to backplane
<b>Power Consumption</b>	+5V@6A (typ.) ; +12V@140mA, -12V@30mA
<b>Approval</b>	FCC, CE class A
<b>Board Dimension</b>	338.5(L) x 129(W) mm ; 13.33"(L) x 5.1"(W) 6-layer PCB
<b>Operating Temperature</b>	0 to 55 °C
<b>Storage Temperature</b>	-20 to 75 °C
<b>Relative Humidity</b>	5% to 95%, non-condensing

## Ordering Guide

### ROBO-608

Socket 370 PICMG SBC with PCI VGA

### ROBO-608V

Socket 370 PICMG SBC without PCI VGA

## Additional Functionality

<b>Display</b>	- C&T 69000 video display chip - 2MB display memory - Display resolution up to 1280 x 1024 x 8 bpp @ 60 Hz - Support for CRT display or TFT/DSTN flat panel (optional) - DSUB-15 VGA connector at the rear panel
<b>Solid State Disk</b>	DOC socket for up to 288 MB