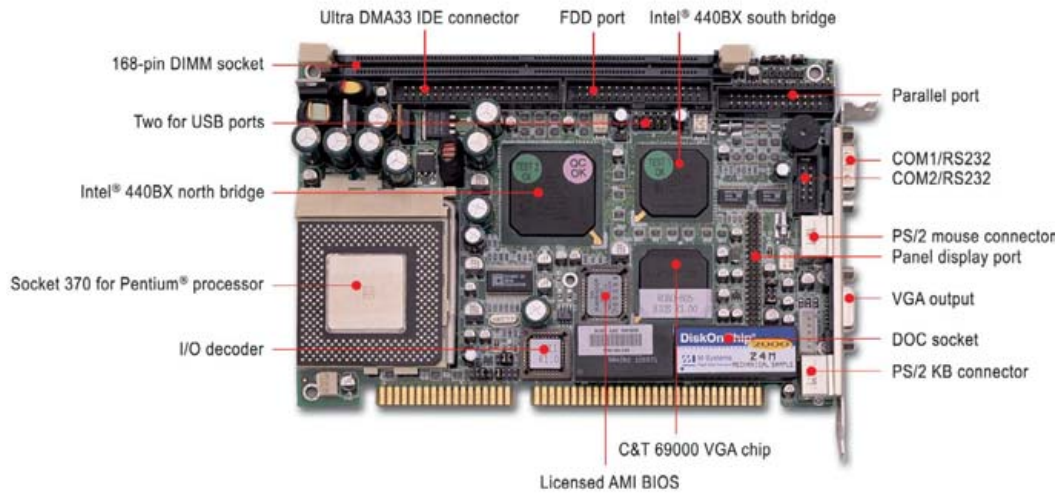


# ROBO-605

Intel® Pentium® III or Celeron® processor based half-sized ISA SBC with VGA/Panel



## FEATURE

- Reliable design for high speed Intel® Pentium® III or Celeron® processor
- Intel® 440BX AGPset enables "best-of-class" 3D, multimedia and gaming platforms with the Intel graphics accelerator
- PC100MHz SDRAM for cost effective memory support
- ECC function for data sensitive application
- C&T 69000 and 2MB 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

## Ordering Information

<b>Standard</b>	<b>ROBO-605</b> Pentium® III or Celeron® processor based half-sized ISA SBC with VGA/Panel
<b>Optional</b>	<b>LCD-KIT-RS</b> Optional kit for TFT SVGA LCD panel  <b>LCD-KIT-RX</b> Optional kit for XGA LCD panel

## General

<b>CPU</b>	CPU & Package: Intel® Pentium® III / Celeron® processor in the FC-PGA/FC-PGA2 370 package FSB: 100/66MHz
<b>Chipset</b>	Intel 82440BX AGPset
<b>Memory</b>	- Up to 256MB PC100 SDRAM on one 168-pin DIMM socket - Support ECC
<b>BIOS</b>	AMI BIOS
<b>Display</b>	- C&T 69000 video display - 2MB display memory - Display resolution up to 1280x1024x8 bpp@60Hz - Support for CRT display or TFT/DSTN flat panel (optional) - D-sub 15-pin VGA connector at the rear panel
<b>Ethernet</b>	N/A
<b>Audio</b>	N/A
<b>SCSI</b>	N/A
<b>Expansion Interface</b>	N/A
<b>ISA Bus</b>	N/A
<b>EIDE</b>	Support two EIDE devices with Ultra DMA 33
<b>Solid State Disk</b>	DOC socket for up to 288MB
<b>I/O</b>	- On-board Winbond W83977ATF super I/O - Up to two floppy disk drives - Two serial, one parallel, one IrDA and two USB ports - Two 6-pin mini-DIN connectors for keyboard and mouse - One 5-pin header for external keyboard connection
<b>ACPI Function</b>	N/A
<b>Hardware Monitoring</b>	System monitor (fan, temperature, voltage)
<b>Watchdog Timer</b>	- Adjustable via hardware jumper setting from 0.5 sec. to 64 sec. - Programmable via software from 0.5 sec. to 254.5 min.
<b>Power Requirement</b>	+5V@4.5A; +12V@120mA; -12V@20mA (typ.)
<b>Mechanical</b>	Dimension: 185(L) x 122(W) / 7.3"(L) x 4.8" (W) PCB: 8-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>	147,755 hrs