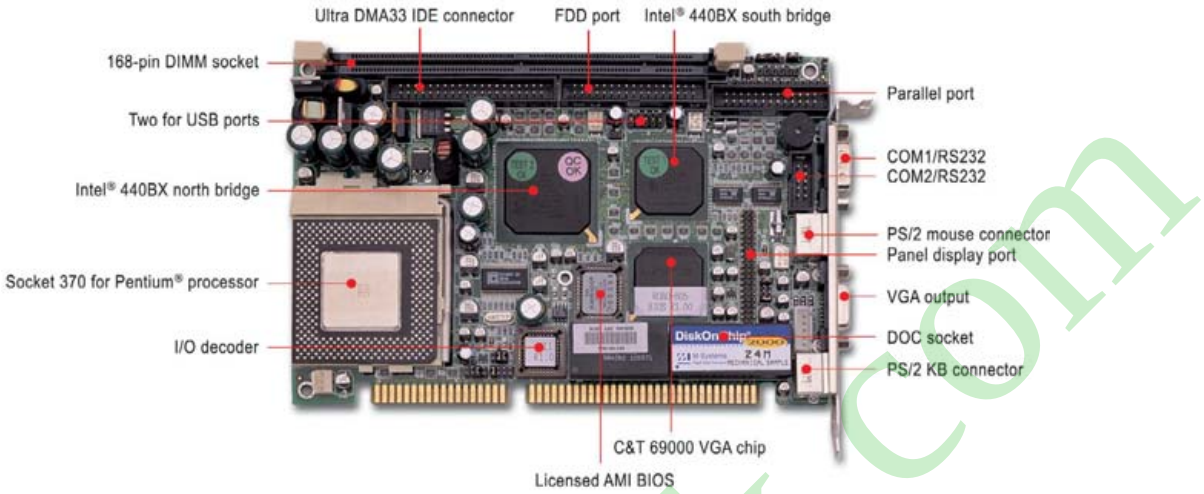
ROBO-605

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

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

General

CPU	CPU & Package: Intel® Pentium® III / Celeron® processor in the FC-PGA/FC-PGA2 370 package FSB: 100/66MHz
Chipset	Intel 82440BX AGPset
Memory	- Up to 256MB PC100 SDRAM on one 168-pin DIMM socket - Support ECC
BIOS	AMI BIOS
Display	- 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
Ethernet	N/A
Audio	N/A
SCSI	N/A
Expansion Interface	N/A
ISA Bus	N/A
EIDE	Support two EIDE devices with Ultra DMA 33
Solid State Disk	DOC socket for up to 288MB
I/O	- 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
ACPI Function	N/A
Hardware Monitoring	System monitor (fan, temperature, voltage)
Watchdog Timer	- Adjustable via hardware jumper setting from 0.5 sec. to 64 sec. - Programmable via software from 0.5 sec. to 254.5 min.
Power Requirement	+5V@4.5A; +12V@120mA; -12V@20mA (typ.)
Mechanical	Dimension: 185(L) x 122(W) / 7.3"(L) x 4.8" (W) PCB: 8-layer
Environmental	Operating Temperature: 0 to 55°C Storage Temperature: -20 to 75°C Relative Humidity: 5% to 95%, non-condensing
Approval	CE, FCC Class A
MTBF	147,755 hrs

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