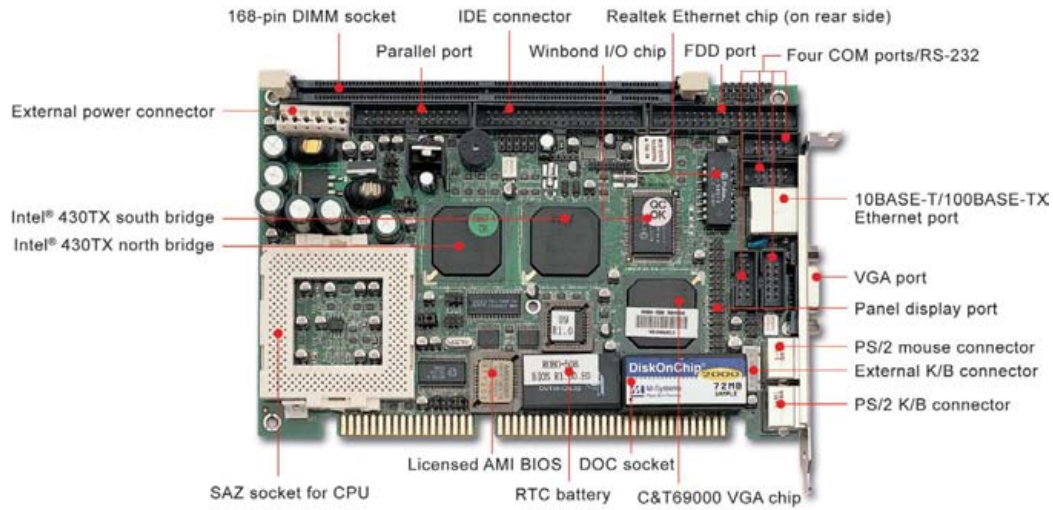


# ROBO-505

Intel® Pentium® processor based half-sized ISA SBC with VGA/Panel and Fast Ethernet



## FEATURE

- Reliable design for Socket 7 processor
- Intel® 82430TX PCI chipset, backed up by EID's long product life support
- PC100MHz SDRAM for cost effective memory support
- C&T 69000 and 2MB SDRAM provide a high performance, low power, highly integrated solution and versatile panel support
- On-board Intel® 10BASE-T/100BASE-TX Fast Ethernet for high speed data transfers
- Standard features for embedded system, like H/W monitoring, WDT, SSD and Wake-On-LAN
- One DOC socket for booting Windows NT directly

## Ordering Information

|                 |   |
|-----------------|---|
| <b>Standard</b> | <b>ROBO-505</b><br>Pentium® processor based half-sized ISA SBC with VGA/Panel and Fast Ethernet                     |
| <b>Optional</b> | <b>LCD-KIT-RS</b><br>Optional kit for TFT SVGA LCD panel<br><br><b>LCD-KIT-RX</b><br>Optional kit for XGA LCD panel |

## General

|                            |   |
|----------------------------|---|
| <b>CPU</b>                 | CPU & Package: Intel® P55C processor; AMD K6 processor; Cyrix 6x86MX processor<br>FSB: 66MHz<br>L2 Cache: 512KB pipeline burst SRAM   |
| <b>Chipset</b>             | Intel® 82430TX PCI chipset  |
| <b>Memory</b>              | Up to 128MB PC100 SDRAM on one 168-pin DIMM socket  |
| <b>BIOS</b>                | Award BIOS  |
| <b>Display</b>             | - C&T 69000 video display<br>- 2MB display memory<br>- Display resolution up to 1280x1024x8 bpp@60Hz<br>- Support for CRT display or TFT/DSTN flat panel (optional)<br>- D-sub 15-pin VGA connector at the rear panel   |
| <b>Ethernet</b>            | - Realtek 8139C PCI Ethernet<br>- IEEE 802.3U auto-negotiation support<br>- One RJ45 connector  |
| <b>Audio</b>               | N/A   |
| <b>SCSI</b>                | N/A   |
| <b>Expansion Interface</b> | N/A   |
| <b>ISA Bus</b>             | 64mA high driving ISA bus interface to backplane for legacy ISA slots   |
| <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 & W83877TF super I/O<br>- Up to two floppy disk drives<br>- Four serial, one parallel, one IrDA and two USB ports<br>- Two 6-pin mini-DIN connectors for keyboard and mouse<br>- 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.<br>- Programmable via software from 0.5 sec. to 254.5 min.  |
| <b>Power Requirement</b>   | +5V@5A; +12V@60mA; -12V@60mA (typ.)   |
| <b>Mechanical</b>          | Dimension: 185(L) x 122(W) / 7.3"(L) x 4.8" (W)<br>PCB: 8-layer   |
| <b>Environmental</b>       | Operating Temperature: 0 to 55°C<br>Storage Temperature: -20 to 75°C<br>Relative Humidity: 5% to 95%, non-condensing  |
| <b>Approval</b>            | CE, FCC Class A   |
| <b>MTBF</b>                | 143,032 hrs   |