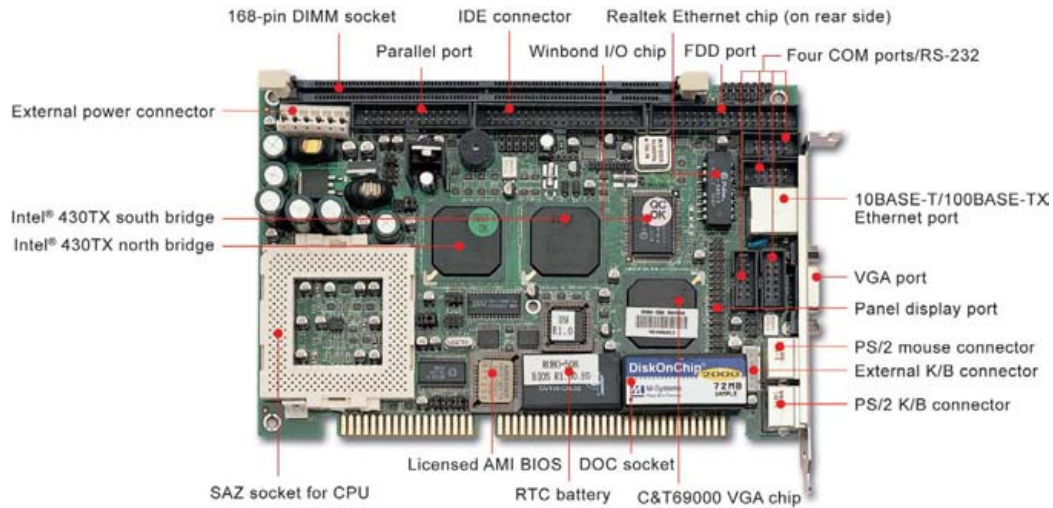


ROBO-505

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

Standard	ROBO-505 Pentium® processor based half-sized ISA SBC with VGA/Panel and Fast Ethernet
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® P55C processor; AMD K6 processor; Cyrix 6x86MX processor FSB: 66MHz L2 Cache: 512KB pipeline burst SRAM
Chipset	Intel® 82430TX PCI chipset
Memory	Up to 128MB PC100 SDRAM on one 168-pin DIMM socket
BIOS	Award 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	- Realtek 8139C PCI Ethernet - IEEE 802.3U auto-negotiation support - One RJ45 connector
Audio	N/A
SCSI	N/A
Expansion Interface	N/A
ISA Bus	64mA high driving ISA bus interface to backplane for legacy ISA slots
EIDE	Support two EIDE devices with Ultra DMA 33
Solid State Disk	DOC socket for up to 288MB
I/O	- On-board Winbond W83977ATF & W83877TF super I/O - Up to two floppy disk drives - Four 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@5A; +12V@60mA; -12V@60mA (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	143,032 hrs