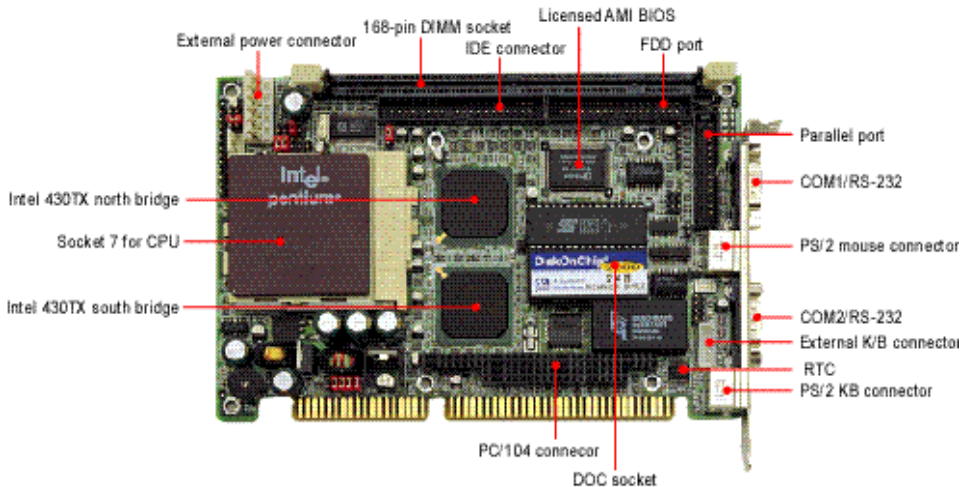


ROBO-515/485

Advanced Half-sized Value / Cost Performance ISA-bus SBC with VGA and Ethernet

Single Board Computer



- Support Intel® Pentium® (P55C) processors up to 233MHz; compatible processors up to 333MHz
- Adopt Intel® 430TX PCI chipset
- PC/104 connector supported
- Ultra DMA/33 and IrDA interface
- One DIMM socket supports up to 128MB of SDRAM
- Equipped with 512KB pipeline burst SRAM
- One built-in DOC socket supports flash memory disk up to 288MB
- Support Intel low power processor up to 166/266MHz
- Built-in RTC and configurable WDT (Watchdog Timer)

Specifications

CPU

- Support Intel® Mobile Pentium® processors up to 266MHz
- Intel P55C processors up to 233MHz
- AMD K6, Cyrix 6x86MX or compatible processors up to 333MHz

Chipset

- Intel® 82430TX PCI chipset

Memory

- One 168-pin DIMM socket supports up to 256MB of SDRAM

Cash Memory

- 512KB pipeline burst SRAM

BIOS

- AMI PCI/ISA Pentium BIOS

On-Board I/O

- On-board Winbond W83977ATF super I/O with two USB ports and one IrDA infrared port

Watchdog Timer

- Eight segment (0.5, 1, 2, 4, 8, 16, 32, 64 seconds) hardware time-out intervals

Power Requirement

- +5V@3.5A (typ.), +12V@80mA, -12V@20mA

Board Dimension

- 185(L) x 122(W) mm
- 7.3"(L) x 4.8"(W)
- 6-layer PCB

Operating Temperature

- 0 to +55°C

Relative Humidity

- 5 to 95% non-condensing

Additional Functionality

DiskOnChip Flash Disk

- Support M-Systems' flash memory disk up to 288MB
- PC/104 connector supported

Ordering Guide

ROBO-515

Advanced half-size SBC with 512KB cache and DOC socket, based on the Pentium® processor

ROBO-485

Advanced half-size SBC with 512KB cache and DOC socket, including Intel 133MHz Pentium® processor

