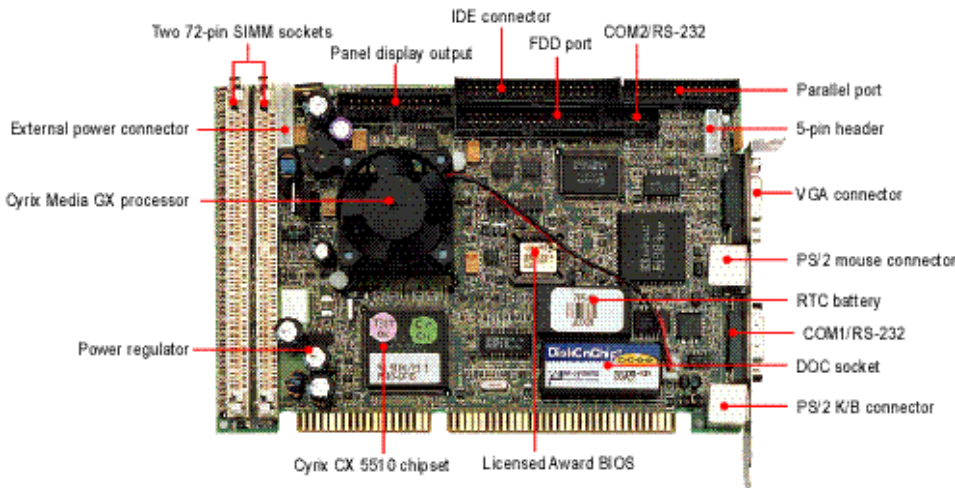


ROBO-495

Half-sized 486 AIO SBC with 5X86-133MHz Processor and Optional UMA VGA



- The most high performance/cost effective SBC, based on the 486 processor
- Adopt Cyrix 133MHz processor to perform the function of a super 486 processor based SBC
- Adopt AWARD BIOS for Media GX and VGA BIOS from Cyrix
- Support up to 64MB FPM and EDO DRAM
- Equipped with 16KB L1 cache memory in Media GX
- Support UMA VGA display for Windows based O/S
- Optional flat panel display kit for TFT display
- An extra ISA VGA card needed for the system operation under non-Windows based (such as DOS) environment
- One DOC socket supports up to 288MB of flash memory
- On-board W83977TF super I/O with two RS232 serial ports
- Best solution for compact controller

Specifications

CPU

- Cyrix® Media GX Pentium® compatible chipset
- 133MHz at 3.3V power input

Memory

- Support 8MB up to 64MB (max.) of FPM and EDO DRAM

Cash Memory

- 16KB L1 cache in Media GX

BIOS

- AWARD BIOS for Media GX and VGA BIOS from Cyrix

On-Board I/O

- On-board Winbond W83977ATF super I/O with two RS232 serial ports

Watchdog Timer

- 1, 2, 4, 8, 16, 32, 64 seconds hardware time-out intervals

Power Requirement

- +5V@3A (typ.), +12V@1A, -12V@50mA

Board Dimension

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

Operating Temperature

- 0 to +55°C

Storage Temperature

- -40 to +75°C

Connector

- Support Mini DIN, 5-pin header & PS/2 type keyboard connector
- Support external power connector

Additional Functionality

On-Board VGA/Panel Display

- UMA with frame buffer compression
- TFT vendors support Sharp, Hitachi, NEC and Hosiben
- Maximum resolution:
 - 800x600(high color)/70Hz
 - 1024x768(256 color)/60Hz
- VGA drivers supported: Win-95, Windows NT, ... etc
- Extra ISA VGA Card is needed for the system operation under non-Windows (such as DOS) environment

Ordering Guide

ROBO-495

Half-sized 486 AIO SBC, based on the 5X86-133MHz processor and optional VGA display