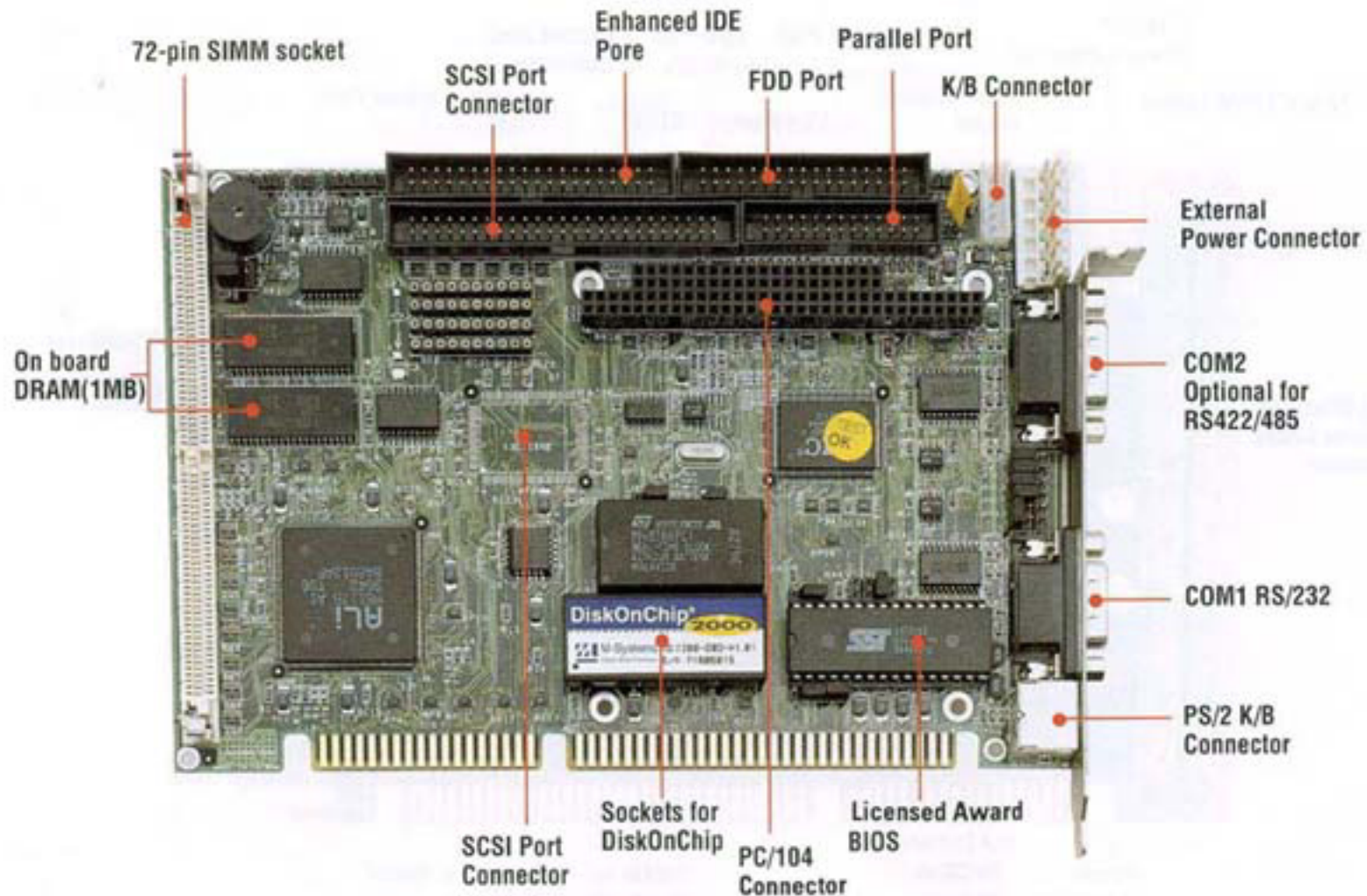


VTC0470/ VTC0471



- 80386SX-40 based system board built with CPU and 1MB DRAM.
- PC/104 connector and mounting holes supported.
- Built-in RTC and programmable watch dog timer.
- Built with socket for Flash memory disk(DiskOnChip) up to 24MB.
- Reserve ISA bus gold finger for expansion.
- Complete PC I/O and SCSI (optional) on board.

Specifications

- **CPU**
  - Intel 386SX compatible CPU running at 40MHz clock(5.0 Volt).
- **DRAM**
  - 1MB DRAM on board.
  - Support one 72-pin SIMM sockets for FPM DRAM .
- **BIOS**
  - Licensed Award BIOS.
- **Chipset**
  - ALI M6117B 386SX embedded controller with CPU, core logic, KBC and PC interface built-in
- **Clock/Calendar**
  - Dallas DS-12887A with lithium battery backup for 10 years of data retention
- **Flash Memory Disk**
  - Reserved socket for DiskOnChip from M-system, support up to 24MB Flash memory disk
- **On Board I/O**
  - On board SMC 37C669 super I/O.
  - One bi-directional parallel port.
  - Up to 2 floppy drives supported.
  - One ISA IDE, supports two IDE HDD's

- **Serial Ports**
  - Two 16550 UART SIO's, with one optional for RS422/485.
- **Watchdog Timer**
  - BIOS setting, with 1, 2, 4, 8, 16, 32, 64 seconds time-out interval.
- **Dimension**
  - 185mm x 122mm.
- **Power Requirements**
  - +5V/4A, +12V/-12V@20mA
  - On board PC/104 connector and mounting holes reserved.
- **SCSI Controller**
  - SYMBIOS sym53c16 ISA fast SCSI master, with 10MB(Syn.) transfer rate
- **Operating Temperature**
  - 0 to 60C.

Ordering Guide

- **VTC0470**  
AIO 386SX-40 EBC with CPU/DRAM and socket for DiskOnChip.
- **VTC0471**  
AIO 386SX-40 EBC with CPU/DRAM, SCSI and socket for DiskOnChip.