

## Features of VL Version System Board

- Support Intel™ 486SX/DX/DX2, 486SLE, P24T, DX4, P24D (Dark Green support)
- Support Cyrix™ 486S/S2, Cyrix 486DX/DX2 (light Green support)
- Support AMD™ 486DX, AMD 486DXL (light Green support)
- Support CPU speed running at 25/33/40/50/66 Mhz
- Support 256K, 1M, 4M, 16M 30 PIN DRAM SIMM
- Support 256K, 512K, 1M, 2M, 4M, 8M, 16M 72 PIN DRAM SIMM
- Support 128/256 K Write-through / Write-back secondary Cache. Write-back CPU internal Cache for Cyrix.
- Support System Memory Management (SMM) and full SMI Interface support for Intel SL-Enhanced CPU (S-series)
- Two 16 bit ISA BUS expansion slots.
- Three 32 bit VL BUS/ISA BUS shared expansion slots.
- AMI™ WINBIOS support system BIOS and PCI BIOS (for VL & PCI model), System and Video BIOS Shadowing, Video BIOS Cacheable. Support Plug and Play on PCI card.

## Memory Expansion

There is a total of 6 SIMM sockets on the system board, they are labeled as Bank 0, SIMM 1, SIMM 2 on the system board. The system board will support 256K X 9 SIMM, 1M X 9 SIMM, 4M X 9 SIMM, 16M X 9 SIMM for 30 PIN Module, and support 256K X 36 SIMM, 512K X 36 SIMM, 1M X 36 SIMM, 2M X 36 SIMM, 4M X 36 SIMM, 8M X 36 SIMM, 16M X 36 SIMM for 72 PIN Module.

DRAM speed should be 70 ns (or faster) for 25 to 66 Mhz. Please reference to table below for DRAM combination and configuration.

**DRAM Configuration Table (30 pin SIMM & 72 pin SIMM mixed)**

Bank 0 (30 pin SIMM)	SIM1 (72 pin SIMM)	SIM2 (72 pin SIMM)	Total DRAM Size
256K	256K	X	2MB
1M	X	X	4MB
256K	256K	512K*	4MB
256K	1M	X	5MB
256K	256K	1M	6MB
1M	1M	X	8MB
1M	X	1M	8MB
256K	256K	2M*	10MB
1M	X	2M*	12MB
4M	X	X	16MB
1M	1M	2M*	16MB
256K	4M	X	17MB
1M	4M	X	20MB
1M	X	4M	20MB
4M	4M	X	32MB
4M	X	4M	32MB
16MB	X	X	64MB
4M	4M	8M*	64MB
16M	16M	X	128MB
16M	X	16M	128MB

**Remark: X - Not install**

**\* - Double density SIMM**