ELITEGROUP COMPUTER SYSTEMS, INC.
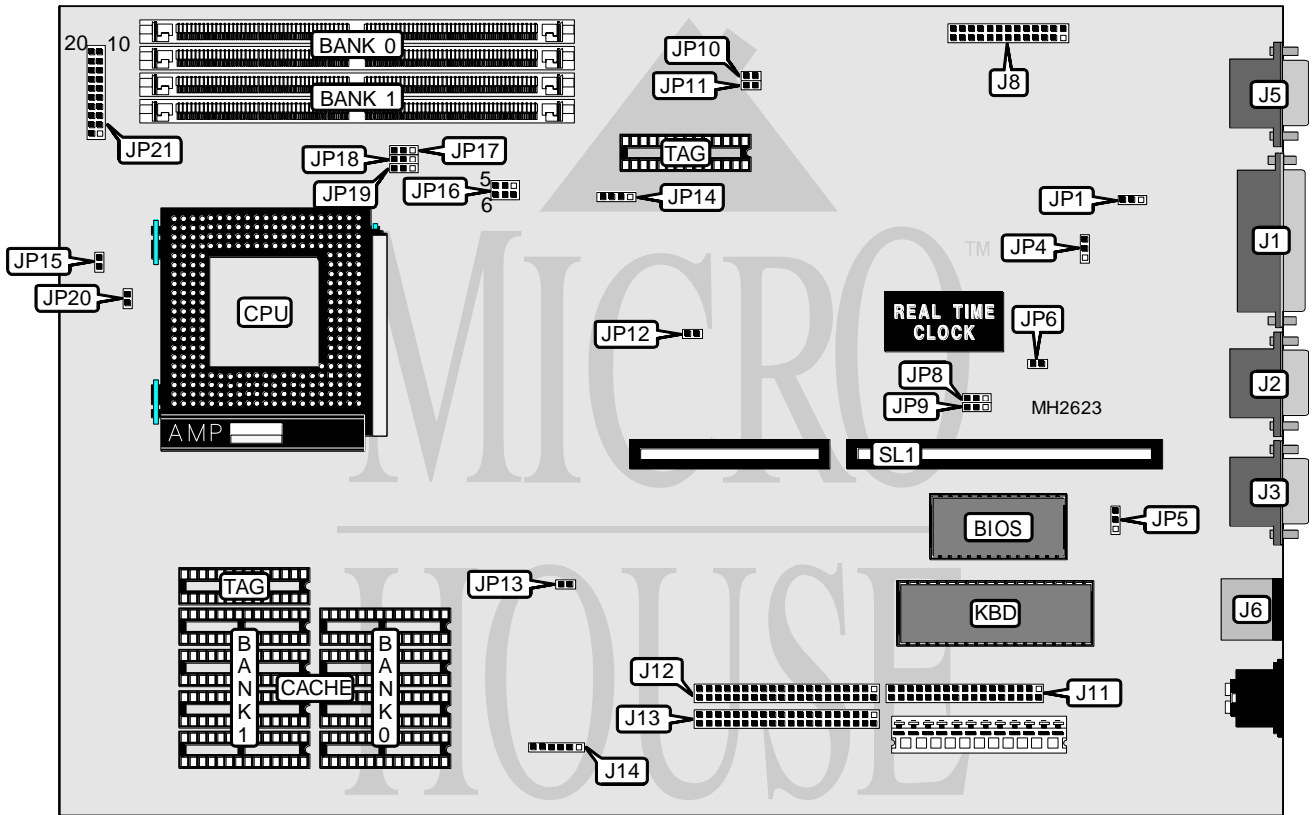# SI54P VIO

Processor	Pentium
Processor Speed	75/90/100MHz
Chip Set	SIS
Max. Onboard DRAM	128MB
Cache	256/512/1024KB
BIOS	Phoenix
Dimensions	330mm x 218mm
I/O Options	Floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), VGA feature connector, VGA port, riser slot
NPU Options	None

CONNECTIONS			
Purpose	Location	Purpose	Location
Parallel port	J1	3.3v connector	J14
Serial port 2	J2	IDE interface LED	JP15
Serial port 1	J3	Turbo LED	JP21 pins 2 - 3
VGA port	J5	Green PC connector	JP21 pins 4 - 5
PS/2 mouse port	J6	Turbo switch	JP21 pins 6 - 7
VGA feature connector	J8	Reset switch	JP21 pins 9 - 10
Floppy drive interface	J11	Power LED & keylock	JP21 pins 11 - 15
IDE interface (secondary)	J12	Speaker	JP21 pins 17 - 20
IDE interface (primary)	J13	Riser Card	SL1

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Video memory type select fast page mode	JP1	pins 1 & 2 closed
Video memory type select extended data out mode	JP1	pins 2 & 3 closed
í SMC 37C665 signal enabled	JP4	pins 1 & 2 closed
SMC 37C665 signal disabled	JP4	pins 2 & 3 closed
í BIOS type select EPROM	JP5	Open
BIOS type select 5v flash	JP5	pins 1 & 2 closed
BIOS type select 12v flash	JP5	pins 2 & 3 closed
í CMOS memory normal operation	JP6	Open
CMOS memory clear	JP6	Closed
í Parity check enabled	JP12	pins 2 & 3 closed
Parity check disabled	JP12	pins 1 & 2 closed
í IDE interface enabled	JP13	Open
IDE interface disabled	JP13	Closed
í DRAM type select single side in both banks	JP14	pins 2 & 3 closed
DRAM type select double side in bank 2 & single side in bank 1	JP14	pins 1 & 2, 3 & 4 closed
í Cache type select write back	JP17	pins 1 & 2 closed
Cache type select write through	JP17	pins 2 & 3 closed
í CPU write to always	JP18	pins 1 & 2 closed
CPU write to invalidate	JP18	pins 2 & 3 closed
í CPU next address disabled	JP19	pins 1 & 2 closed
CPU next address enabled	JP19	pins 2 & 3 closed
í Factory configured - do not alter	JP20	N/A

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
2MB	(2) 256K x 36	NONE
4MB	(2) 256K x 36	(2) 256K x 36
4MB	(2) 512K x 36	NONE
8MB	(2) 512K x 36	(2) 512K x 36
8MB	(2) 1M x 36	NONE
16MB	(2) 1M x 36	(2) 1M x 36
16MB	(2) 2M x 36	NONE
32MB	(2) 2M x 36	(2) 2M x 36
36MB	(2) 512K x 36	(2) 4M x 36
36MB	(2) 512K x 36	(2) 4M x 36
48MB	(2) 2M x 36	(2) 4M x 36
64MB	(2) 4M x 36	(2) 4M x 36
64MB	(2) 8M x 36	NONE
128MB	(2) 8M x 36	(2) 8M x 36
128MB	(2) 16M x 36	NONE

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CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
256KB	(4) 32K x 8	(4) 32K x 8	(2) 32K x 8
512KB	(4) 64K x 8	(4) 64K x 8	(2) 32K x 8
1MB	(4) 128K x 8	(4) 128K x 8	(2) 32K x 8

CACHE JUMPER CONFIGURATION		
Size	JP10	JP11
256KB	Open	Open
512KB	Closed	Open
1MB	Closed	Closed

CPU SPEED CONFIGURATION	
Speed	JP16
75MHz	pins 1 & 2 closed
90MHz	pins 1 & 2, 5 & 6 closed
100MHz	pins 1 & 2, 3 & 4, 5 & 6 closed

DACK/DRQ CONFIGURATION		
DACK/DRQ	JP8	JP9
DACK1/DRQ1	pins 1 & 2 closed	pins 1 & 2 closed
DACK3/DRQ3	pins 2 & 3 closed	pins 2 & 3 closed