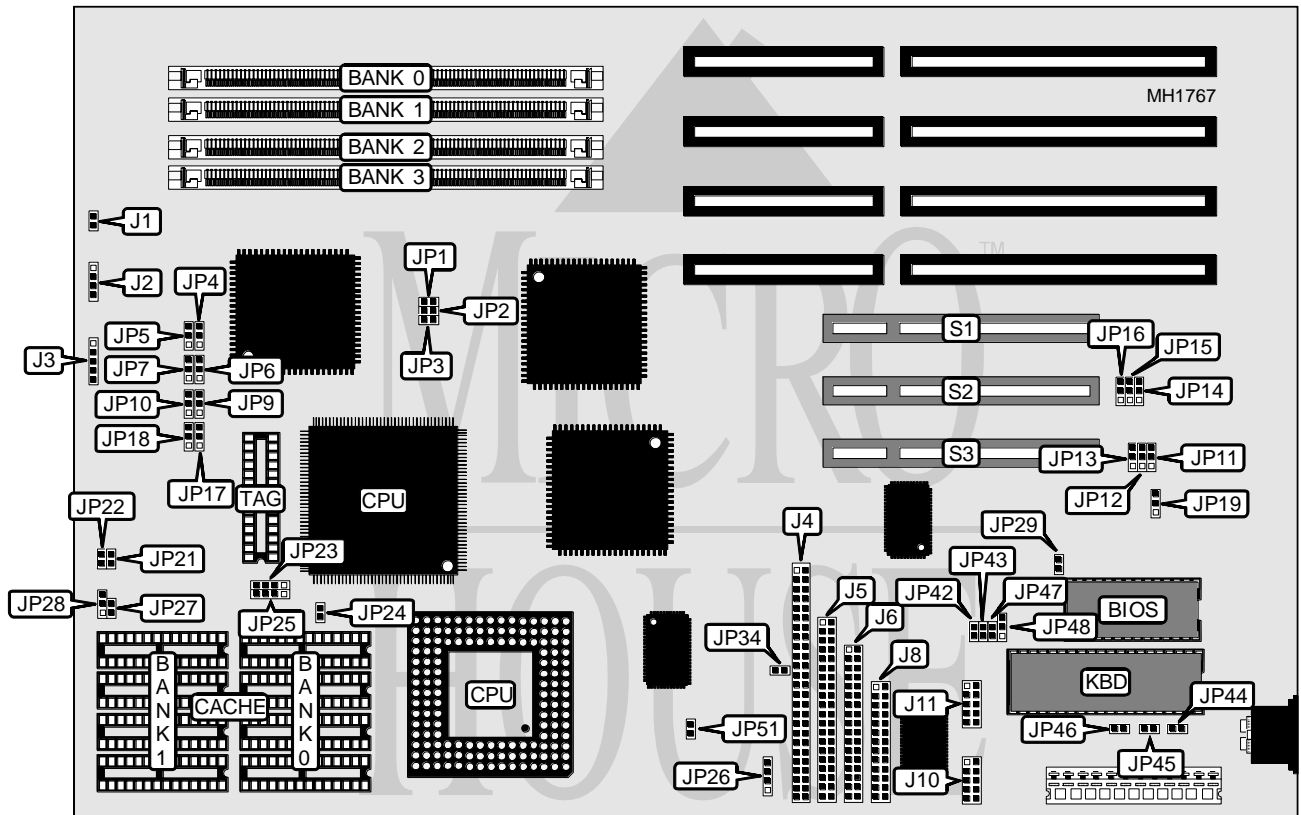


# ELITEGROUP COMPUTER SYSTEMS, INC.

## SA 486P AIO

<b>Processor</b>	80486SX/80487SX/80486DX/80486DX2/Pentium Overdrive
<b>Processor Speed</b>	25/33/50(internal)/66(internal)MHz
<b>Chip Set</b>	Intel
<b>Max. Onboard DRAM</b>	128MB
<b>Cache</b>	128/256KB
<b>BIOS</b>	Phoenix
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	32-bit PCI local bus slots (3), floppy drive interface, IDE interface, parallel port, serial ports (2), SCSI drive interface
<b>NPU Options</b>	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Reset switch	J1	Parallel port	J8
Speaker	J2	Serial port 2	J10
Power LED & keylock	J3	Serial port 1	J11
SCSI drive interface	J4	32-bit PCI Local bus slot	S1
IDE HDD interface	J5	32-bit PCI Local bus slot	S2
Floppy drive interface	J6	32-bit PCI Local bus slot	S3

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Parallel port IRQ7	JP13	pins 2 & 3 closed
Parallel port IRQ5	JP13	pins 1 & 2 closed
í Flash BIOS write protect enabled	JP19	pins 1 & 2 closed
Flash BIOS write protect disabled	JP19	pins 2 & 3 closed
í Factory configured - do not alter	JP26	N/A
í ODP586SX write back mode enabled	JP27	Closed
ODP586SX write back mode disabled	JP27	Open
í Factory configured - do not alter	JP28	pins 2 & 3 closed
í Factory configured - do not alter	JP29	Closed
í On board SCSI termination enabled	JP34	Closed
On board SCSI termination disabled	JP34	Open
í Factory configured - do not alter	JP42	Closed
í Factory configured - do not alter	JP43	N/A
í Factory configured - do not alter	JP44	N/A
í Factory configured - do not alter	JP45	N/A
í Factory configured - do not alter	JP46	N/A
í Factory configured - do not alter	JP47	N/A
í Factory configured - do not alter	JP48	pins 2 & 3 closed

CACHE CONFIGURATION				
Size	Max Cachable	Bank 0	Bank 1	TAG
128KB	16MB	(4) 32K x 8	NONE	(1) 16K x 4
256KB	32MB	(4) 32K x 8	(4) 32K x 8	(1) 16K x 4

CACHE JUMPER CONFIGURATION								
Size	JP4	JP5	JP6	JP7	JP9	JP10	JP21	JP22
128KB	2 & 3	1 & 2	1 & 2	2 & 3	2 & 3	2 & 3	Open	Open
256KB	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3	Closed	Closed

Note: Pins designated should be in the closed position.

CPU TYPE CONFIGURATION					
CPU	Socket	JP23	JP24	JP25	JP51
80486SX	PGA	pins 2 & 3	Closed	pins 2 & 3	Closed
80486SX	PQFP	N/A	Open	pins 2 & 3	Closed
80487SX	PGA	pins 1 & 2	Closed	1 & 2 and 3 & 4	Closed
80486DX	PGA	pins 3 & 4	Closed	1 & 2 and 3 & 4	Closed
80486DX2	PGA	pins 3 & 4	Closed	1 & 2 and 3 & 4	Closed
Pentium Overdrive	PGA	pins 1 & 2	Closed	1 & 2 and 3 & 4	Open

Note: Pins designated should be in the closed position.

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CPU SPEED CONFIGURATION					
Speed	JP1	JP2	JP3	JP17	JP18
25MHz	Closed	Open	Closed	pins 2 & 3	pins 2 & 3
33MHz	Open	Open	Closed	pins 2 & 3	pins 1 & 2
50i MHz	Closed	Open	Closed	pins 2 & 3	pins 2 & 3
66i MHz	Open	Open	Closed	pins 2 & 3	pins 1 & 2

Note: Pins designated should be in the closed position.

PCI BUS INTERRUPT SELECT			
Setting	JP14	JP15	JP16
IRQ 15	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
IRQ 10	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
IRQ 11	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
None	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed

Note: IRQ14 is hardwired for IDE interface.  
If using an interrupt that cannot be shared with other devices, JP14, JP15, and JP16 should be set on pins 2 & 3 closed.

EPP/EPC CONFIGURATION		
Type	JP11	JP12
DRQ1/DACK1	pins 1 & 2 closed	pins 1 & 2 closed
DRQ3/DACK3	pins 2 & 3 closed	pins 2 & 3 closed

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
2MB	(1) 256K x 36	(1) 256K x 36	NONE	NONE
4MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
4MB	(1) 512K x 36	(1) 512K x 36	NONE	NONE
6MB	(1) 256K x 36	(1) 256K x 36	(1) 512K x 36	(1) 512K x 36
6MB	(1) 512K x 36	(1) 512K x 36	(1) 256K x 36	(1) 256K x 36
8MB	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
10MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36
10MB	(1) 1M x 36	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36
12MB	(1) 512K x 36	(1) 512K x 36	(1) 1M x 36	(1) 1M x 36
12MB	(1) 1M x 36	(1) 1M x 36	(1) 512K x 36	(1) 512K x 36
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 2M x 36	(1) 2M x 36	NONE	NONE
18MB	(1) 256K x 36	(1) 256K x 36	(1) 2M x 36	(1) 2M x 36
18MB	(1) 2M x 36	(1) 2M x 36	(1) 256K x 36	(1) 256K x 36
20MB	(1) 512K x 36	(1) 512K x 36	(1) 2M x 36	(1) 2M x 36
20MB	(1) 2M x 36	(1) 2M x 36	(1) 512K x 36	(1) 512K x 36

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DRAM CONFIGURATION (CONT.)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
24MB	(1) 1M x 36	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36
24MB	(1) 2M x 36	(1) 2M x 36	(1) 1M x 36	(1) 1M x 36
32MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
34MB	(1) 256K x 36	(1) 256K x 36	(1) 4M x 36	(1) 4M x 36
34MB	(1) 4M x 36	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36
36MB	(1) 512K x 36	(1) 512K x 36	(1) 4M x 36	(1) 4M x 36
36MB	(1) 4M x 36	(1) 4M x 36	(1) 512K x 36	(1) 512K x 36
40MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36
40MB	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36
48MB	(1) 2M x 36	(1) 2M x 36	(1) 4M x 36	(1) 4M x 36
48MB	(1) 4M x 36	(1) 4M x 36	(1) 2M x 36	(1) 2M x 36
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
64MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
66MB	(1) 256K x 36	(1) 256K x 36	(1) 8M x 36	(1) 8M x 36
66MB	(1) 8M x 36	(1) 8M x 36	(1) 256K x 36	(1) 256K x 36
68MB	(1) 512K x 36	(1) 512K x 36	(1) 8M x 36	(1) 8M x 36
68MB	(1) 8M x 36	(1) 8M x 36	(1) 512K x 36	(1) 512K x 36
72MB	(1) 1M x 36	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36
72MB	(1) 8M x 36	(1) 8M x 36	(1) 1M x 36	(1) 1M x 36
80MB	(1) 2M x 36	(1) 2M x 36	(1) 8M x 36	(1) 8M x 36
80MB	(1) 8M x 36	(1) 8M x 36	(1) 2M x 36	(1) 2M x 36
96MB	(1) 4M x 36	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36
96MB	(1) 8M x 36	(1) 8M x 36	(1) 4M x 36	(1) 4M x 36
128MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36