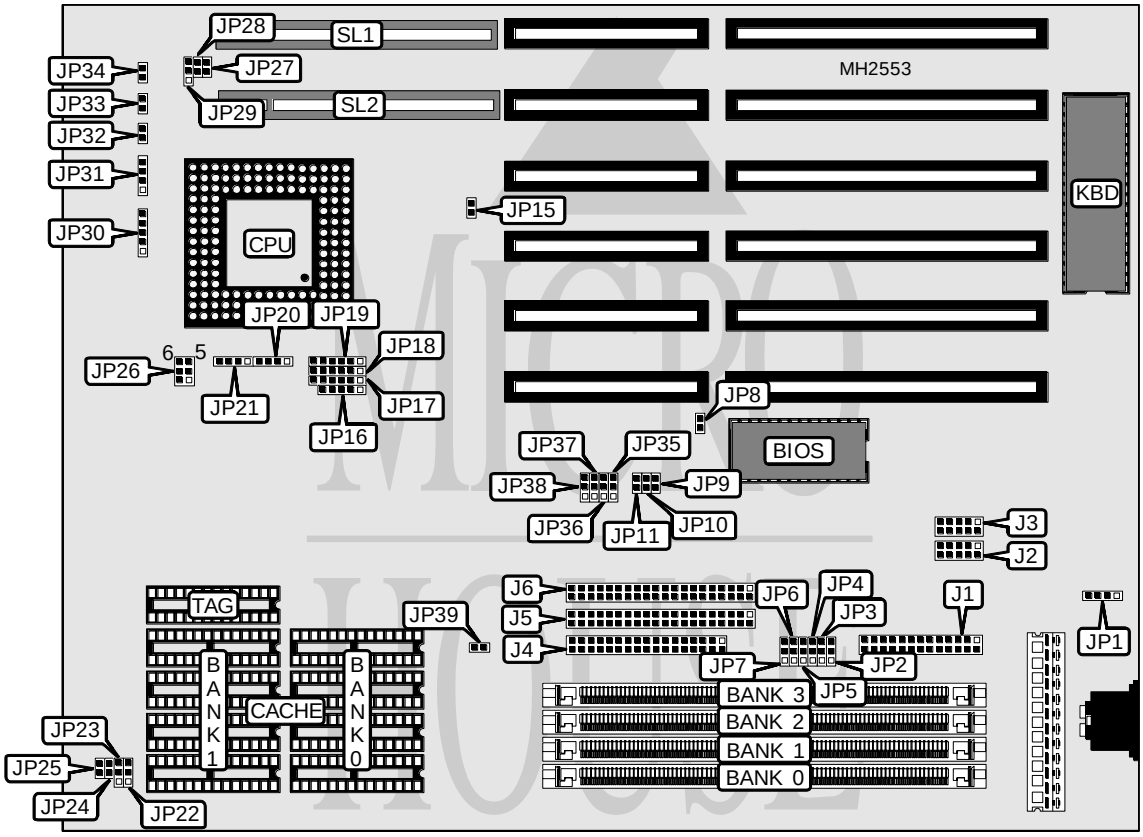
ELITEGROUP COMPUTER SYSTEMS, INC.
UM4981 AIO

Processor	CX486S/U5S/SL80486SX/80486SX/SL80486SX2/80486SX2/AM486DX/ AM486DXL/CX486DX/SL80486DX/80486DX/AM486DXL2/AM486DX2/ CX486DX2/SL80486DX2/80486DX2/P24D/80486DX4
Processor Speed	25/33/40/50(internal)/50/66(internal)/75(internal)/100(internal)MHz
Chip Set	UMC
Max. Onboard DRAM	64MB
Cache	64/128/256KB
BIOS	Phoenix
Dimensions	330mm x 218mm
I/O Options	32-bit VESA local bus slots (2), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, serial ports (2)
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Parallel port	J1	Power LED & keylock	JP30
Serial port 1	J2	Speaker	JP31
Serial port 2	J3	Reset switch	JP32
Floppy drive interface	J4	Turbo LED	JP33
IDE interface (primary)	J5	Turbo switch	JP34
IDE interface (secondary)	J6	IDE interface LED	JP39
External battery	JP1	32-bit VESA local bus slots	SL1 & SL2
Green PC connector	JP15		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Flash BIOS voltage select 5v	JP2	pins 1 & 2 closed
Flash BIOS voltage select 12v	JP2	pins 2 & 3 closed
í On board I/O enabled	JP3	pins 1 & 2 closed
On board I/O disabled	JP3	pins 2 & 3 closed
í Parallel port IRQ select IRQ7	JP4	pins 2 & 3 closed
Parallel port IRQ select IRQ5	JP4	pins 1 & 2 closed
í Factory configured - do not alter	JP7	N/A
í Parallel port mode select normal mode	JP8	Open
Parallel port mode select ECP mode	JP8	Closed
í Primary IDE interface enabled	JP35	pins 1 & 2 closed
Primary IDE interface disabled	JP35	pins 2 & 3 closed
í Secondary IDE interface enabled	JP36	pins 1 & 2 closed
Secondary IDE interface disabled	JP36	pins 2 & 3 closed

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(1) 256K x 36	NONE	NONE	NONE
2MB	(1) 256K x 36	(1) 256K x 36	NONE	NONE
2MB	NONE	NONE	(1) 512K x 36	NONE
3MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	NONE
4MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
4MB	NONE	NONE	(1) 512K x 36	(1) 512K x 36
4MB	(1) 1M x 36	NONE	NONE	NONE
5MB	(1) 1M x 36	(1) 256K x 36	NONE	NONE
6MB	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36	NONE
7MB	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
8MB	NONE	NONE	NONE	(1) 2M x 36
9MB	(1) 1M x 36	(1) 1M x 36	(1) 256K x 36	NONE
10MB	(1) 1M x 36	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	NONE
13MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 256K x 36
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	NONE	NONE	(1) 2M x 36	(1) 2M x 36
16MB	(1) 4M x 36	NONE	NONE	NONE
17MB	(1) 4M x 36	(1) 256K x 36	NONE	NONE
18MB	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36	NONE
19MB	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
20MB	(1) 4M x 36	(1) 1M x 36	NONE	NONE
21MB	(1) 4M x 36	(1) 1M x 36	(1) 256K x 36	NONE
22MB	(1) 4M x 36	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36
24MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	NONE
25MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	(1) 256K x 36
28MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36

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DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
33MB	(1) 4M x 36	(1) 4M x 36	(1) 256K x 36	NONE
34MB	(1) 4M x 36	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36
36MB	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36	NONE
37MB	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36	(1) 256K x 36
40MB	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	NONE
49MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 256K x 36
52MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
64KB	(4) 8K x 8	(4) 8K x 8	(1) 8K x 8
128KB	(4) 32K x 8	NONE	(1) 8K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8

CACHE JUMPER CONFIGURATION				
Size	JP22	JP23	JP24	JP25
64KB	pins 2 & 3 closed	Open	Open	Open
128KB	pins 1 & 2 closed	pins 1 & 2 closed	Open	Closed
256KB	pins 2 & 3 closed	pins 2 & 3 closed	Closed	Closed

CPU TYPE CONFIGURATION			
Type	JP16	JP17	JP18
CX486S	pins 2 & 3, 4 & 5 closed	pins 2 & 3, 4 & 5 closed	pins 1 & 2, 3 & 4, 5 & 6 closed
U5S	Open	pins 1 & 2 closed	pins 2 & 3 closed
SL80486SX	pins 1 & 2, 3 & 4 closed	pins 5 & 6 closed	pins 1 & 2 closed
80486SX	Open	Open	pins 2 & 3 closed
SL80486SX2	pins 1 & 2, 3 & 4 closed	pins 5 & 6 closed	pins 1 & 2 closed
80486SX2	Open	Open	pins 2 & 3 closed
AM486DX	Open	Open	pins 2 & 3 closed
AM486DXL	Open	pins 1 & 2 closed	pins 2 & 3 closed
CX486DX	pins 2 & 3 closed	pins 2 & 3, 4 & 5 closed	pins 1 & 2, 3 & 4, 5 & 6 closed
SL80486DX	pins 1 & 2, 3 & 4 closed	pins 5 & 6 closed	pins 1 & 2 closed
80486DX	Open	Open	pins 2 & 3 closed
AM486DX2	Open	Open	pins 2 & 3 closed
AM486DXL2	Open	pins 1 & 2 closed	pins 2 & 3 closed
CX486DX2	pins 2 & 3 closed	pins 2 & 3, 4 & 5 closed	pins 1 & 2, 3 & 4, 5 & 6 closed
SL80486DX2	pins 1 & 2, 3 & 4 closed	pins 5 & 6 closed	pins 1 & 2 closed
80486DX2	Open	Open	pins 2 & 3 closed
P24D	pins 1 & 2, 3 & 4 closed	pins 3 & 4, 5 & 6 closed	pins 1 & 2, 4 & 5 closed
80486DX4	pins 1 & 2, 3 & 4 closed	pins 5 & 6 closed	pins 1 & 2 closed

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CPU TYPE CONFIGURATION (CON'T)			
Type	JP19	JP20	JP21
CX486S	pins 1 & 2, 3 & 4 closed	Open	pins 2 & 3 closed
U5S	pins 2 & 3 closed	pins 3 & 4 closed	pins 2 & 3 closed
SL80486SX	pins 1 & 2 closed	Open	pins 2 & 3 closed
80486SX	Open	Open	pins 2 & 3 closed
SL80486SX2	pins 1 & 2 closed	Open	pins 2 & 3 closed
80486SX2	Open	Open	pins 2 & 3 closed
AM486DX	Open	pins 1 & 2 closed	pins 1 & 2, 3 & 4 closed
AM486DXL	pins 2 & 3 closed	pins 1 & 2, 3 & 4 closed	pins 1 & 2, 3 & 4 closed
CX486DX	pins 1 & 2, 3 & 4 closed	pins 1 & 2 closed	pins 1 & 2, 3 & 4 closed
SL80486DX	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2, 3 & 4 closed
80486DX	Open	pins 1 & 2 closed	pins 1 & 2, 3 & 4 closed
AM486DX2	Open	pins 1 & 2 closed	pins 1 & 2, 3 & 4 closed
AM486DXL2	pins 2 & 3 closed	pins 1 & 2, 3 & 4 closed	pins 1 & 2, 3 & 4 closed
CX486DX2	pins 1 & 2, 3 & 4 closed	pins 1 & 2 closed	pins 1 & 2, 3 & 4 closed
SL80486DX2	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2, 3 & 4 closed
80486DX2	Open	pins 1 & 2 closed	pins 1 & 2, 3 & 4 closed
P24D	pins 1 & 2, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2, 3 & 4 closed
80486DX4	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2, 3 & 4 closed

CPU SPEED CONFIGURATION			
Speed	JP9	JP10	JP11
25MHz	Open	Open	Closed
33MHz	Closed	Closed	Closed
40MHz	Open	Closed	Closed
50iMHz	Open	Open	Closed
50MHz	Closed	Open	Open
66iMHz	Closed	Closed	Closed
75iMHz	Open	Open	Closed
100iMHz	Closed	Closed	Closed

CPU SPEED CONFIGURATION (80486DX4 ONLY)	
Speed	JP29
2x	pins 2 & 3 closed
3x	Open

CPU VOLTAGE CONFIGURATION	
Voltage	JP26
3.3v (from on board regulator)	pins 3 & 4 closed
3.3v (from special power supply unit)	pins 5 & 6 closed
5v (from standard power supply unit	pins 1 & 2 closed

VESA WAIT STATE CONFIGURATION	
Wait states	JP27
0 wait states	Open
1 wait state	Closed

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BUS SPEED CONFIGURATION	
CPU speed	JP28
<= 33MHz	Open
> 33MHz	Closed

ECP MODE CONFIGURATION		
Setting	JP5	JP6
DRQ1/DACK 1	pins 1 & 2 closed	pins 1 & 2 closed
DRQ3/DACK 3	pins 2 & 3 closed	pins 2 & 3 closed

HARD DRIVE TIMING CONFIGURATION					
Active time	Cycle time	Speed	HDD capacity	JP37	JP38
15T	30T	1	40/50MHz	2 & 3	2 & 3
15T	19T	2	25/33MHz	1 & 2	2 & 3
9T	13T	3	<20mhz/enhanced IDE	2 & 3	1 & 2
18T	37T	0	<40mhz/non ATA support	1 & 2	1 & 2