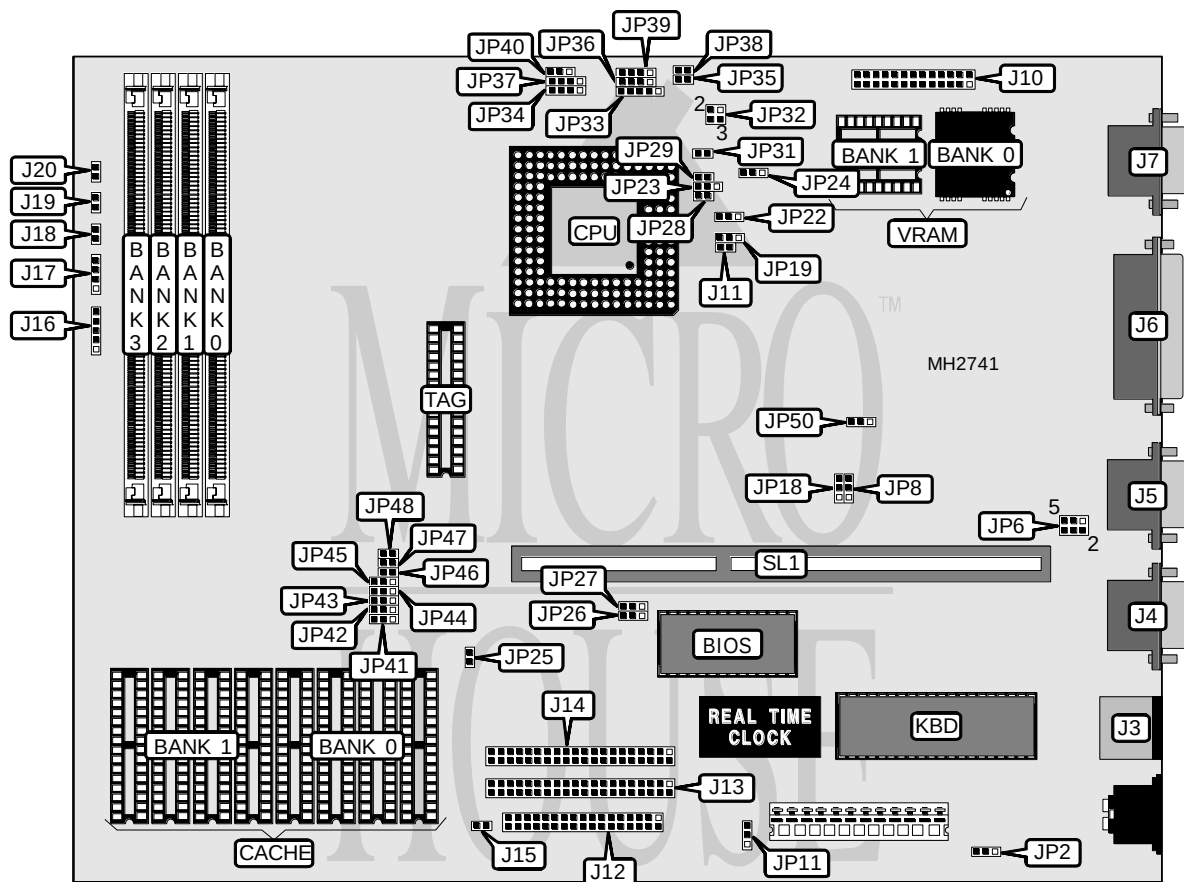


ELITEGROUP COMPUTER SYSTEMS, INC.

UP8810/8810A VIO (VER. 1.1)

Processor	CX486M6/SL80486SX/80486SX/SL80486SX2/CX486DX/AM486DX/ SL80486DX/80486DX/CX486DX2/AM486DX2/U5S/U5DS/SL80486DX2/ 80486DX2/80486DX4/Pentium Overdrive
Processor Speed	25/33/40/50(internal)/50/66(internal)/75(internal)/100(internal)MHz
Chip Set	UMC
Max. Onboard DRAM	128MB
Cache	128/256/512KB
BIOS	Phoenix
Dimensions	330mm x 218mm
I/O Options	Floppy drive interface, IDE interfaces (2), green PC connector, parallel port, PS/2 mouse port, serial ports (2), VGA feature connector, VGA port, riser slot
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
PS/2 mouse port	J3	IDE interface (secondary)	J14
Serial port 2	J4	IDE interface LED	J15
Serial port 1	J5	Power LED & keylock	J16
Parallel port	J6	Speaker	J17
VGA port	J7	Reset switch	J18
VGA feature connector	J10	Turbo switch	J19
Green PC connector	J11	Turbo LED	J20
Floppy drive interface	J12	Riser Card	SL1
IDE interface (primary)	J13		

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
1 On board I/O enabled	JP2	pins 1 & 2 closed
On board I/O disabled	JP2	pins 2 & 3 closed
1 ECP mode disabled	JP17	Open
ECP mode enabled	JP17	Closed
1 IDE interface enabled	JP25	Open
IDE interface disabled	JP25	Closed
1 Secondary INT source select from chip	JP26	pins 2 & 3 closed
Secondary INT source select from drive	JP26	pins 1 & 2 closed
1 Primary INT source select from chip	JP27	pins 2 & 3 closed
Primary INT source select from drive	JP27	pins 1 & 2 closed
1 VGA GD543X chip enabled	JP50	pins 1 & 2 closed
VGA GD543X chip disabled	JP50	pins 2 & 3 closed
Note: The location of JP17 is unidentified.		

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

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DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
10MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36
10MB	(1) 256K x 36	(1) 256K x 36	(1) 2M x 36	NONE
10MB	(1) 1M x 36	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36
10MB	(1) 1M x 36	(1) 1M x 36	(1) 512K x 36	NONE
12MB	(1) 512K x 36	(1) 512K x 36	(1) 1M x 36	(1) 1M x 36
12MB	(1) 512K x 36	(1) 512K x 36	(1) 2M x 36	NONE
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	NONE
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) 1M x 36	(1) 1M x 36	(1) 2M x 36	NONE
16MB	(1) 2M x 36	NONE	(1) 2M x 36	NONE
16MB	(1) 2M x 36	(1) 2M x 36	NONE	NONE
16MB	(1) 4M x 36	NONE	NONE	NONE
18MB	(1) 256K x 36	(1) 256K x 36	(1) 2M x 36	(1) 2M x 36
18MB	(1) 256K x 36	(1) 256K x 36	(1) 4M x 36	NONE
18MB	(1) 2M x 36	(1) 2M x 36	(1) 256K x 36	(1) 256K x 36
18MB	(1) 2M x 36	(1) 2M x 36	(1) 512K x 36	NONE
20MB	(1) 512K x 36	(1) 512K x 36	(1) 2M x 36	(1) 2M x 36
20MB	(1) 512K x 36	(1) 512K x 36	(1) 4M x 36	NONE
20MB	(1) 2M x 36	(1) 2M x 36	(1) 512K x 36	(1) 512K x 36
20MB	(1) 2M x 36	(1) 2M x 36	(1) 1M x 36	NONE
24MB	(1) 1M x 36	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36
24MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	NONE
24MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	NONE
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) 2M x 36	(1) 2M x 36	(1) 4M x 36	NONE
32MB	(1) 4M x 36	NONE	(1) 4M x 36	NONE
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
32MB	(1) 8M x 36	NONE	NONE	NONE
34MB	(1) 256K x 36	(1) 256K x 36	(1) 4M x 36	(1) 4M x 36
34MB	(1) 256K x 36	(1) 256K x 36	(1) 8M x 36	NONE
34MB	(1) 4M x 36	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36
34MB	(1) 4M x 36	(1) 4M x 36	(1) 512K x 36	NONE
36MB	(1) 512K x 36	(1) 512K x 36	(1) 4M x 36	(1) 4M x 36
36MB	(1) 512K x 36	(1) 512K x 36	(1) 8M x 36	NONE
36MB	(1) 4M x 36	(1) 4M x 36	(1) 512K x 36	(1) 512K x 36
36MB	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36	NONE
40MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36
40MB	(1) 1M x 36	(1) 1M x 36	(1) 8M x 36	NONE
40MB	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36
40MB	(1) 4M x 36	(1) 4M x 36	(1) 2M x 36	NONE
48MB	(1) 2M x 36	(1) 2M x 36	(1) 4M x 36	(1) 4M x 36
48MB	(1) 2M x 36	(1) 2M x 36	(1) 8M x 36	NONE

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DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	NONE
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	(1) 8M x 36	NONE
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
64MB	(1) 8M x 36	NONE	(1) 8M x 36	NONE
64MB	(1) 8M x 36	(1) 8M x 36	NONE	NONE
66MB	(1) 256K x 36	(1) 256K x 36	(1) 8M x 36	(1) 8M x 36
66MB	(1) 512K x 36	NONE	(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
66MB	(1) 8M x 36	(1) 8M x 36	(1) 512K x 36	NONE
68MB	(1) 8M x 36	(1) 8M x 36	(1) 512K x 36	(1) 512K x 36
68MB	(1) 8M x 36	(1) 8M x 36	(1) 1M x 36	NONE
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
72MB	(1) 8M x 36	(1) 8M x 36	(1) 2M x 36	NONE
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
80MB	(1) 8M x 36	(1) 8M x 36	(1) 4M x 36	NONE
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
96MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	NONE
128MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
128KB	(4) 32K x 8	NONE	(1) 32K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8
512KB	(4) 64K x 8	(4) 64K x 8	(1) 32K x 8
512KB	(4) 128K x 8	NONE	(1) 32K x 8

CACHE JUMPER CONFIGURATION						
Size	JP41	JP42	JP43	JP46	JP47	JP48
128KB	Open	2 & 3	1 & 2	Open	Open	Open
256KB	Open	1 & 2	2 & 3	Closed	Open	Open
512KB	Open	1 & 2	2 & 3	Closed	Closed	Open
512KB	1 & 2	2 & 3	2 & 3	Closed	Closed	Open

Note: Pins designated should be in the closed position.

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CPU TYPE CONFIGURATION				
Type	JP19	JP22	JP23	JP31
CX486M6	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed	Open
SL80486SX	pins 1 & 2 closed	pins 2 & 3 closed	Open	Open
80486SX	Open	pins 1 & 2 closed	Open	Open
SL80486SX2	pins 1 & 2 closed	pins 2 & 3 closed	Open	Open
CX486DX	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed	Open
AM486DX	Open	pins 1 & 2 closed	Open	Open
SL80486DX	pins 1 & 2 closed	pins 2 & 3 closed	Open	Open
80486DX	Open	pins 1 & 2 closed	Open	Open
CX486DX2	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed	Open
AM486DX2	Open	pins 1 & 2 closed	Open	Open
U5S	pins 2 & 3 closed	pins 1 & 2 closed	Open	Open
U5DS	pins 2 & 3 closed	pins 1 & 2 closed	Open	Open
SL80486DX2	pins 1 & 2 closed	pins 2 & 3 closed	Open	Open
80486DX2	Open	pins 1 & 2 closed	Open	Open
80486DX2 (WB)	pins 1 & 2 closed	pins 2 & 3 closed	Open	Open
80486DX4	pins 1 & 2 closed	pins 2 & 3 closed	Open	Open
P24T	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed	Open

CPU TYPE CONFIGURATION (CON'T)				
Type	JP33	JP34	JP36	JP37
CX486M6	1 & 2, 3 & 4	2 & 3	2 & 3	1 & 2
SL80486SX	2 & 3, 4 & 5	1 & 2	2 & 3	Open
80486SX	Open	Open	2 & 3	Open
SL80486SX2	2 & 3, 4 & 5	1 & 2	2 & 3	Open
CX486DX	1 & 2, 3 & 4	2 & 3	1 & 2, 3 & 4	2 & 3
AM486DX	Open	Open	1 & 2, 3 & 4	Open
SL80486DX	2 & 3, 4 & 5	1 & 2	1 & 2, 3 & 4	Open
80486DX	Open	Open	1 & 2, 3 & 4	Open
CX486DX2	1 & 2, 3 & 4	2 & 3	1 & 2, 3 & 4	2 & 3
AM486DX2	Open	Open	1 & 2, 3 & 4	Open
U5S	Open	Open	2 & 3	3 & 4
U5DS	Open	Open	1 & 2, 3 & 4	3 & 4
SL80486DX2	2 & 3, 4 & 5	1 & 2	1 & 2, 3 & 4	Open
80486DX2	Open	Open	1 & 2, 3 & 4	Open
80486DX2 (WB)	2 & 3, 4 & 5	1 & 2, 3 & 4	1 & 2, 3 & 4	Open
80486DX4	2 & 3, 4 & 5	1 & 2	1 & 2, 3 & 4	Open
P24T	2 & 3, 4 & 5	1 & 2	1 & 2, 3 & 4	2 & 3

Note: Pins designated should be in the closed position.

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CPU TYPE CONFIGURATION (CON'T)					
Type	JP38	JP39	JP40	JP44	JP45
CX486M6	Open	Open	2 & 3	2 & 3	1 & 2
SL80486SX	Open	Open	Open	1 & 2	1 & 2
80486SX	Open	Open	Open	1 & 2	1 & 2
SL80486SX2	Open	Open	Open	1 & 2	1 & 2
CX486DX	Open	1 & 2	2 & 3	2 & 3	1 & 2
AM486DX	Open	1 & 2	Open	1 & 2	1 & 2
SL80486DX	Open	1 & 2	Open	1 & 2	1 & 2
80486DX	Open	1 & 2	Open	1 & 2	1 & 2
CX486DX2	Open	1 & 2	2 & 3	2 & 3	1 & 2
AM486DX2	Open	1 & 2	Open	1 & 2	1 & 2
U5S	Open	1 & 2, 3 & 4	Open	1 & 2	2 & 3
U5DS	Open	1 & 2, 3 & 4	Open	1 & 2	2 & 3
SL80486DX2	Open	1 & 2	Open	1 & 2	1 & 2
80486DX2	Open	1 & 2	Open	1 & 2	1 & 2
80486DX2 (WB)	Closed	1 & 2	Open	1 & 2	1 & 2
80486DX4	Open	1 & 2	Open	1 & 2	1 & 2
P24T	Open	2 & 3	Open	1 & 2	1 & 2
Note: Pins designated should be in the closed position.					

CPU TYPE CONFIGURATION (PENTIUM OVERDRIVE ONLY)		
Type	JP28	JP29
Pentium Overdrive not installed	Open	Open
Pentium Overdrive installed	Closed	Closed

CPU SPEED CONFIGURATION	
Speed	JP6
25MHz	pins 1 & 2 closed
33MHz	pins 1 & 2, 3 & 4, 5 & 6 closed
40MHz	pins 1 & 2, 3 & 4 closed
50iMHz	pins 1 & 2 closed
50MHz	pins 5 & 6 closed
66iMHz	pins 1 & 2, 3 & 4, 5 & 6 closed
75iMHz	pins 1 & 2 closed
100iMHz	pins 1 & 2, 3 & 4, 5 & 6 closed

CPU SPEED CONFIGURATION (80486DX4 ONLY)	
Speed	JP35
2x	Closed
3x	Open

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CPU VOLTAGE CONFIGURATION		
Voltage	JP24	JP32
3.3v	pins 2 & 3 closed	pins 3 & 4 closed
3.45v	pins 1 & 2 closed	pins 3 & 4 closed
5v	Open	pins 1 & 2 closed

DRQ CONFIGURATION		
DRQ/DACK	JP8	JP18
DRQ1/DACK1	pins 1 & 2 closed	pins 2 & 3 closed
DRQ3/DACK3	pins 2 & 3 closed	pins 1 & 2 closed

BIOS VOLTAGE CONFIGURATION	
Voltage	JP11
EPROM	Open
5v	pins 1 & 2 closed
12v	pins 2 & 3 closed

VIDEO MEMORY CONFIGURATION
Note: The size of the VRAM chips is unidentified.