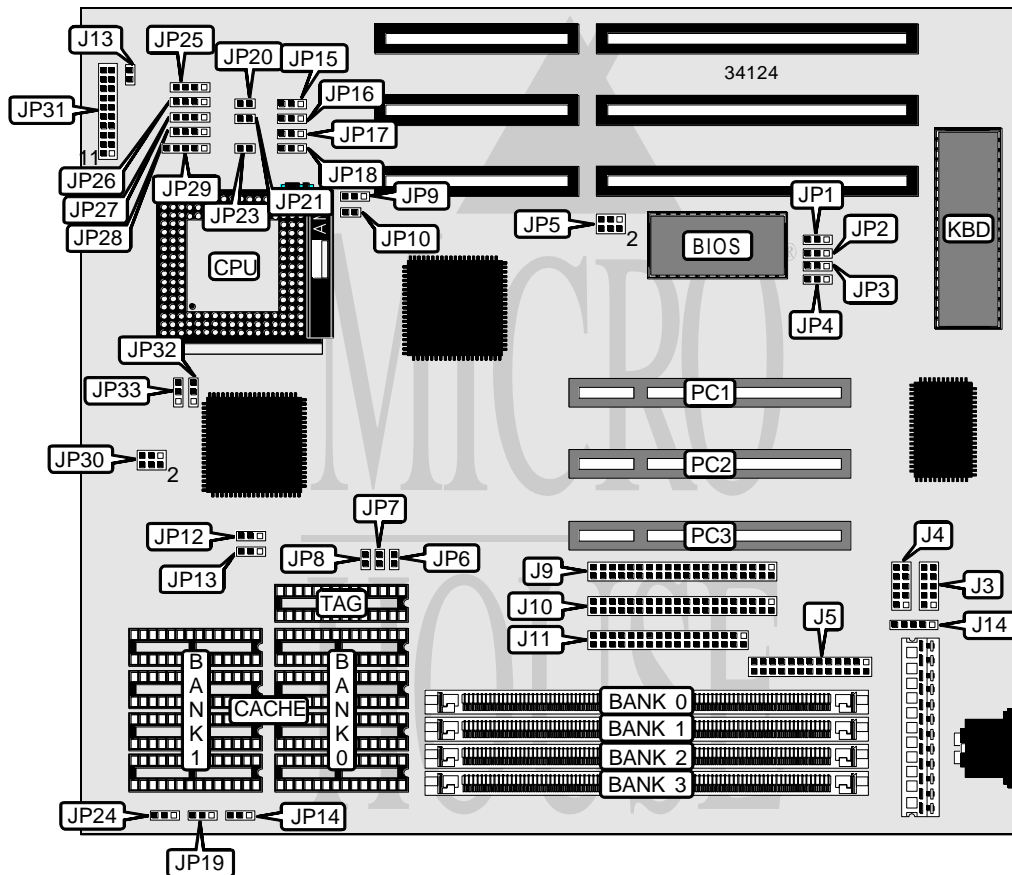


ELITEGROUP COMPUTER SYSTEMS, INC.

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Processor	CX486S/80486SX/SL80486SX/CX486DX/AM486DX/80486DX/ SL80486DX(WB)/80486DX(WT)/CX486DX2/AM486DX2/ AM486DX2(SV8B)/80486DX2/SL80486DX2(WB)/SL80486DX2(WT)/ 80486DX2(ODPR)/CX486DX4/AM486DX4(NV8T)/AM486DX4(SV8B)/ 80486DX4(WB)/80486DX4(WT)/P24T/CX5X86/AM5X86
Processor Speed	25/33/40/50(internal)/50/66(internal)/75(internal)/80(internal)/ 100(internal)/120(internal)MHz
Chip Set	UMC
Video Chip Set	None
Maximum Onboard Memory	128MB
Maximum Video Memory	None
Cache	128/256/512/1024KB
BIOS	Award
Dimensions	254mm x 218mm
I/O Options	32-bit PCI slots (3), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2)
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
Serial port 1	J3	Turbo LED	JP31 pins 2 & 3
Serial port 2	J4	Green PC connector	JP31 pins 4 & 5
Parallel port	J5	Turbo switch	JP31 pins 6 & 7
IDE interface 2	J9	Reset switch	JP31 pins 9 & 10
IDE interface 1	J10	Power LED & keylock	JP31 pins 11 - 15
Floppy drive interface	J11	Speaker	JP31 pins 17 - 19
IDE interface LED	J13	32-bit PCI slots	PC1 – PC3
PS/2 mouse interface	J14		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
BIOS select EPROM	JP1	Open
Flash BIOS voltage select 12v	JP1	Pins 2 & 3 closed
Flash BIOS voltage select 5v	JP1	Pins 1 & 2 closed
í Factory configured - do not alter	JP2	Unidentified
On board I/O enabled	JP3	Pins 1 & 2 closed
On board I/O disabled	JP3	Pins 2 & 3 closed
í Factory configured - do not alter	JP4	Unidentified
í Factory configured - do not alter	JP20	Unidentified

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(1) 256K x 36	None	None	None
2MB	(1) 512K x 36	None	None	None
2MB	(1) 256K x 36	(1) 256K x 36	None	None
3MB	(1) 512K x 36	(1) 256K x 36	None	None
3MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	None
4MB	(1) 1M x 36	None	None	None
4MB	(1) 512K x 36	(1) 256K x 36	(1) 256K x 36	None
4MB	(1) 512K x 36	(1) 512K x 36	None	None
4MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
5MB	(1) 1M x 36	(1) 256K x 36	None	None
5MB	(1) 256K x 36	(1) 1M x 36	None	None
6MB	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36	None
6MB	(1) 1M x 36	(1) 512K x 36	None	None
6MB	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36	None
7MB	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
8MB	(1) 2M x 36	None	None	None
8MB	(1) 1M x 36	(1) 512K x 36	(1) 512K x 36	None
8MB	(1) 1M x 36	(1) 1M x 36	None	None
8MB	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36

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DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
9MB	(1) 2M x 36	(1) 256K x 36	None	None
10MB	(1) 2M x 36	(1) 256K x 36	(1) 256K x 36	None
10MB	(1) 2M x 36	(1) 512K x 36	None	None
10MB	(1) 1M x 36	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36
11MB	(1) 2M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
12MB	(1) 2M x 36	(1) 512K x 36	(1) 512K x 36	None
12MB	(1) 2M x 36	(1) 1M x 36	None	None
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	None
16MB	(1) 4M x 36	None	None	None
16MB	(1) 2M x 36	(1) 2M x 36	None	None
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
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
18MB	(1) 4M x 36	(1) 512K x 36	None	None
19MB	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
20MB	(1) 4M x 36	(1) 512K x 36	(1) 512K x 36	None
20MB	(1) 4M x 36	(1) 1M x 36	None	None
20MB	(1) 2M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
22MB	(1) 4M x 36	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36
24MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	None
24MB	(1) 4M x 36	(1) 2M x 36	None	None
24MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	None
28MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
32MB	(1) 8M x 36	None	None	None
32MB	(1) 4M x 36	(1) 2M x 36	(1) 2M x 36	None
32MB	(1) 4M x 36	(1) 4M x 36	None	None
32MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
33MB	(1) 8M x 36	(1) 256K x 36	None	None
34MB	(1) 8M x 36	(1) 512K x 36	None	None
35MB	(1) 8M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
36MB	(1) 8M x 36	(1) 512K x 36	(1) 512K x 36	None
36MB	(1) 8M x 36	(1) 1M x 36	None	None
40MB	(1) 8M x 36	(1) 2M x 36	None	None
48MB	(1) 8M x 36	(1) 2M x 36	(1) 2M x 36	None
48MB	(1) 8M x 36	(1) 4M x 36	None	None
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	None
56MB	(1) 8M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
64MB	(1) 8M x 36	(1) 4M x 36	(1) 4M x 36	None
64MB	(1) 8M x 36	(1) 8M x 36	None	None
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
80MB	(1) 8M x 36	(1) 4M 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

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CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
128KB	(4) 32K x 8	None	(1) 32K x 8
256KB (A)	(4) 64K x 8	None	(1) 32K x 8
256KB (B)	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8
512KB (A)	(4) 64K x 8	(4) 64K x 8	(1) 32K x 8
512KB (B)	(4) 128K x 8	None	(1) 32K x 8
1MB	(4) 128K x 8	(4) 128K x 8	(1) 32K x 8

CACHE JUMPER CONFIGURATION						
Size	JP6	JP7	JP8	JP14	JP19	JP24
128KB	Open	Open	Open	Open	Open	2 & 3
256KB (A)	Closed	Open	Open	Open	1 & 2	2 & 3
256KB (B)	Closed	Open	Open	Open	Open	1 & 2
512KB (A)	Closed	Closed	Open	Open	2 & 3	1 & 2
512KB (B)	Closed	Closed	Open	1 & 2	1 & 2	2 & 3
1MB	Closed	Closed	Closed	2 & 3	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION	
Speed	JP5
25MHz	Pins 1 & 2 closed
33MHz	Pins 1 & 2, 3 & 4, 5 & 6 closed
40MHz	Pins 1 & 2, 3 & 4 closed
50MHz	Pins 5 & 6 closed
50iMHz	Pins 1 & 2 closed
66iMHz	Pins 1 & 2, 3 & 4, 5 & 6 closed
75iMHz	Pins 1 & 2 closed
80iMHz	Pins 1 & 2, 3 & 4 closed
100iMHz	Pins 1 & 2, 3 & 4, 5 & 6 closed
120iMHz	Pins 1 & 2, 3 & 4 closed

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CPU TYPE SELECTION					
Type	JP9	JP10	JP12	JP13	JP15
CX486S	Open	Open	1 & 2	2 & 3	2 & 3
80486SX	Open	Open	1 & 2	1 & 2	Open
SL80486SX	Open	Open	1 & 2	1 & 2	Open
CX486DX	Open	Open	1 & 2	2 & 3	2 & 3
AM486DX	Open	Open	1 & 2	1 & 2	Open
80486DX	Open	Open	1 & 2	1 & 2	Open
SL80486DX (WB)	1 & 2	Open	1 & 2	1 & 2	Open
SL80486DX (WT)	2 & 3	Open	1 & 2	1 & 2	Open
CX486DX2	Open	Open	1 & 2	2 & 3	2 & 3
AM486DX2	Open	Open	1 & 2	1 & 2	Open
AM486DX2 (SV8B)	1 & 2	Open	1 & 2	1 & 2	Open
80486DX2	Open	Open	1 & 2	1 & 2	Open
SL80486DX2 (WB)	1 & 2	Open	1 & 2	1 & 2	Open
SL80486DX2 (WT)	2 & 3	Open	1 & 2	1 & 2	Open
80486DX2 (ODPR)	2 & 3	Open	1 & 2	1 & 2	Open
CX486DX4	Open	Open	1 & 2	2 & 3	2 & 3
AM486DX4 (NV8T)	Open	Open	1 & 2	1 & 2	Open
AM486DX4 (SV8B)	1 & 2	Open	1 & 2	1 & 2	Open
SL80486DX4 (WB)	1 & 2	Open	1 & 2	1 & 2	Open
SL80486DX4 (WT)	2 & 3	Open	1 & 2	1 & 2	Open
80486DX4 (ODPR)	2 & 3	Open	1 & 2	1 & 2	Open
P24T	Open	Open	1 & 2	1 & 2	1 & 2
CX5X86	1 & 2	Open	1 & 2	1 & 2	Open
AM5X86	1 & 2	Open	1 & 2	1 & 2	Open

Note: Pins designated should be in the closed position.

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CPU TYPE SELECTION (CON'T)					
Type	JP16	JP17	JP18	JP21	JP23
CX486S	2 & 3	1 & 2	2 & 3	Open	Open
80486SX	Open	Open	1 & 2	Open	Open
SL80486SX	Open	1 & 2	2 & 3	Open	Open
CX486DX	2 & 3	1 & 2	2 & 3	Open	Open
AM486DX	Open	Open	1 & 2	Open	Open
80486DX	Open	Open	1 & 2	Open	Open
SL80486DX (WB)	Open	1 & 2	2 & 3	Open	Open
SL80486DX (WT)	Open	1 & 2	2 & 3	Open	Open
CX486DX2	2 & 3	1 & 2	2 & 3	Open	Open
AM486DX2	Open	Open	1 & 2	Open	Open
AM486DX2 (SV8B)	Open	1 & 2	2 & 3	Open	Open
80486DX2	Open	Open	1 & 2	Open	Open
SL80486DX2 (WB)	Open	1 & 2	2 & 3	Open	Open
SL80486DX2 (WT)	Open	1 & 2	2 & 3	Open	Open
80486DX2 (ODPR)	Open	1 & 2	2 & 3	Open	Open
CX486DX4	2 & 3	1 & 2	2 & 3	Open	Open
AM486DX4 (NV8T)	Open	Open	1 & 2	Open	Open
AM486DX4 (SV8B)	Open	1 & 2	2 & 3	Open	Open
SL80486DX4 (WB)	Open	1 & 2	2 & 3	Open	Open
SL80486DX4 (WT)	Open	1 & 2	2 & 3	Open	Open
80486DX4 (ODPR)	Open	1 & 2	2 & 3	Open	Open
P24T	Open	1 & 2	1 & 2	Open	Closed
CX5X86	Open	1 & 2	2 & 3	Open	Open
AM5X86	Open	1 & 2	2 & 3	Closed	Open

Note: Pins designated should be in the closed position.

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CPU TYPE SELECTION (CON'T)					
Type	JP25	JP26	JP27	JP28	JP29
CX486S	2 & 3	Open	2 & 3	2 & 3	1 & 2, 3 & 4
80486SX	Open	Open	Open	2 & 3	Open
SL80486SX	1 & 2	Open	Open	2 & 3	2 & 3, 4 & 5
CX486DX	2 & 3	1 & 2	2 & 3	1 & 2, 3 & 4	1 & 2, 3 & 4
AM486DX	Open	1 & 2	Open	1 & 2, 3 & 4	Open
80486DX	Open	1 & 2	Open	1 & 2, 3 & 4	Open
SL80486DX (WB)	1 & 2, 3 & 4	1 & 2	Open	1 & 2, 3 & 4	2 & 3, 4 & 5
SL80486DX (WT)	1 & 2	1 & 2	Open	1 & 2, 3 & 4	2 & 3, 4 & 5
CX486DX2	2 & 3	1 & 2	2 & 3	1 & 2, 3 & 4	1 & 2, 3 & 4
AM486DX2	Open	1 & 2	Open	1 & 2, 3 & 4	Open
AM486DX2 (SV8B)	1 & 2, 3 & 4	1 & 2	Open	1 & 2, 3 & 4	2 & 3, 4 & 5
80486DX2	Open	1 & 2	Open	1 & 2, 3 & 4	Open
SL80486DX2 (WB)	1 & 2, 3 & 4	1 & 2	Open	1 & 2, 3 & 4	2 & 3, 4 & 5
SL80486DX2 (WT)	1 & 2	1 & 2	Open	1 & 2, 3 & 4	2 & 3, 4 & 5
80486DX2 (ODPR)	1 & 2	1 & 2	Open	1 & 2, 3 & 4	2 & 3, 4 & 5
CX486DX4	2 & 3	1 & 2	2 & 3	1 & 2, 3 & 4	1 & 2, 3 & 4
AM486DX4 (NV8T)	Open	1 & 2	Open	1 & 2, 3 & 4	Open
AM486DX4 (SV8B)	1 & 2, 3 & 4	1 & 2	Open	1 & 2, 3 & 4	2 & 3, 4 & 5
SL80486DX4 (WB)	1 & 2, 3 & 4	1 & 2	Open	1 & 2, 3 & 4	2 & 3, 4 & 5
SL80486DX4 (WT)	1 & 2	1 & 2	Open	1 & 2, 3 & 4	2 & 3, 4 & 5
80486DX4 (ODPR)	1 & 2	1 & 2	Open	1 & 2, 3 & 4	2 & 3, 4 & 5
P24T	1 & 2	2 & 3	1 & 2	1 & 2, 3 & 4	2 & 3, 4 & 5
CX5X86	1 & 2, 3 & 4	1 & 2	Open	1 & 2, 3 & 4	2 & 3, 4 & 5
AM5X86	1 & 2, 3 & 4	1 & 2	Open	1 & 2, 3 & 4	2 & 3, 4 & 5

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION			
Voltage	JP30	JP32	JP33
3.3v	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
3.45v	Pins 3 & 4 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
3.6v	Pins 5 & 6 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
4v	Pins 7 & 8 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
5v	Open	Pins 1 & 2 closed	Pins 1 & 2 closed