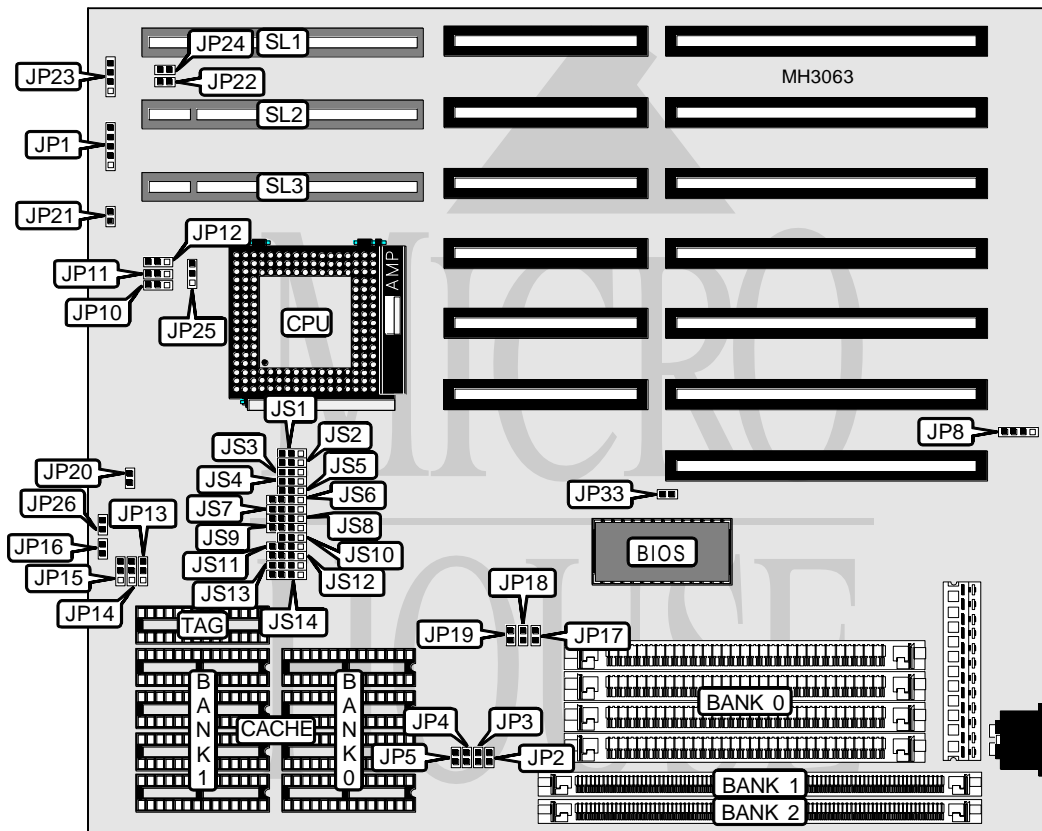


# CHAINTECH COMPUTER COMPANY, LTD.

## 4 U L D . 1

<b>Processor</b>	80486SX/SL80486SX/UMCU55/CX486M7/AM486DXL/80486DX/SL80486DX/ AM486DXL2/80486DX2/SL80486DX/80486DX4/P24D/Pentium Overdrive
<b>Processor Speed</b>	25/33/40/50(internal)/50/66(internal)/75(internal)/80(internal)/ 100(internal)MHz
<b>Chip Set</b>	UMC
<b>Max. Onboard DRAM</b>	64MB
<b>Cache</b>	128/256KB
<b>BIOS</b>	Award
<b>Dimensions</b>	250mm x 220mm
<b>I/O Options</b>	32-bit VESA local bus slots (3), green PC connector
<b>NPU Options</b>	None



### CONNECTIONS

Purpose	Location	Purpose	Location
Power LED & keylock	JP1	Green PC connector	JP20
Green PC connector	JP2	Reset switch	JP21
Green PC connector	JP3	Speaker	JP23
Green PC connector	JP4	Turbo LED	JP26
Green PC connector	JP5	Green PC LED	JP33
External battery	JP8	32-bit VESA local bus slots	SL1 - SL3
Turbo switch	JP16		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Battery type select internal	JP8	pins 2 & 3 closed
CMOS memory clear	JP8	pins 3 & 4 closed

DRAM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
1MB	(4) 256K x 9	NONE	NONE
1MB	NONE	(1) 256K x 36	NONE
2MB	(4) 256K x 9	(1) 256K x 36	NONE
2MB	NONE	(1) 512K x 36	NONE
2MB	NONE	(1) 256K x 36	(1) 256K x 36
3MB	(4) 256K x 9	(1) 512K x 36	NONE
3MB	NONE	(1) 512K x 36	(1) 256K x 36
3MB	NONE	(1) 256K x 36	(1) 512K x 36
4MB	(4) 1M x 9	NONE	NONE
4MB	NONE	(1) 1M x 36	NONE
4MB	NONE	(1) 512K x 36	(1) 512K x 36
5MB	(4) 1M x 9	(1) 256K x 36	NONE
5MB	(4) 256K x 9	(1) 1M x 36	NONE
5MB	NONE	(1) 1M x 36	(1) 256K x 36
5MB	NONE	(1) 256K x 36	(1) 1M x 36
6MB	(4) 1M x 9	(1) 512K x 36	NONE
6MB	NONE	(1) 1M x 36	(1) 512K x 36
6MB	NONE	(1) 512K x 36	(1) 1M x 36
8MB	(4) 1M x 9	(1) 1M x 36	NONE
8MB	NONE	(1) 2M x 36	NONE
8MB	NONE	(1) 1M x 36	(1) 1M x 36
9MB	(4) 256K x 9	(1) 2M x 36	NONE
9MB	NONE	(1) 2M x 36	(1) 256K x 36
9MB	NONE	(1) 256K x 36	(1) 2M x 36
10MB	NONE	(1) 2M x 36	(1) 512K x 36
10MB	NONE	(1) 512K x 36	(1) 2M x 36
12MB	(4) 1M x 9	(1) 2M x 36	NONE
12MB	NONE	(1) 2M x 36	(1) 1M x 36
12MB	NONE	(1) 1M x 36	(1) 2M x 36
16MB	(4) 4M x 9	NONE	NONE
16MB	NONE	(1) 4M x 36	NONE
16MB	NONE	(1) 2M x 36	(1) 2M x 36
17MB	(4) 4M x 9	(1) 256K x 36	NONE
17MB	(4) 256K x 9	(1) 4M x 36	NONE
17MB	NONE	(1) 4M x 36	(1) 256K x 36
17MB	NONE	(1) 256K x 36	(1) 4M x 36
18MB	(4) 4M x 9	(1) 512K x 36	NONE

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DRAM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
18MB	NONE	(1) 4M x 36	(1) 512K x 36
18MB	NONE	(1) 512K x 36	(1) 4M x 36
20MB	(4) 4M x 9	(1) 1M x 36	NONE
20MB	(4) 1M x 9	(1) 4M x 36	NONE
20MB	NONE	(1) 4M x 36	(1) 1M x 36
20MB	NONE	(1) 1M x 36	(1) 4M x 36
24MB	(4) 4M x 9	(1) 2M x 36	NONE
24MB	NONE	(1) 4M x 36	(1) 2M x 36
24MB	NONE	(1) 2M x 36	(1) 4M x 36
32MB	(4) 8M x 9	NONE	NONE
32MB	(4) 4M x 9	(1) 4M x 36	NONE
32MB	NONE	(1) 8M x 36	NONE
32MB	NONE	(1) 4M x 36	(1) 4M x 36
33MB	(4) 8M x 9	(1) 256K x 36	NONE
33MB	(4) 256K x 9	(1) 8M x 36	NONE
33MB	NONE	(1) 8M x 36	(1) 256K x 36
33MB	NONE	(1) 256K x 36	(1) 8M x 36
34MB	(4) 8M x 9	(1) 512K x 36	NONE
34MB	NONE	(1) 8M x 36	(1) 512K x 36
34MB	NONE	(1) 512K x 36	(1) 8M x 36
36MB	(4) 8M x 9	(1) 1M x 36	NONE
36MB	(4) 1M x 9	(1) 8M x 36	NONE
36MB	NONE	(1) 8M x 36	(1) 1M x 36
36MB	NONE	(1) 1M x 36	(1) 8M x 36
40MB	(4) 8M x 9	(1) 2M x 36	NONE
40MB	NONE	(1) 8M x 36	(1) 2M x 36
40MB	NONE	(1) 2M x 36	(1) 8M x 36
48MB	(4) 8M x 9	(1) 4M x 36	NONE
48MB	(4) 4M x 9	(1) 8M x 36	NONE
48MB	NONE	(1) 8M x 36	(1) 4M x 36
48MB	NONE	(1) 4M x 36	(1) 8M x 36
64MB	(4) 16M x 9	NONE	NONE
64MB	(4) 8M x 9	(1) 8M x 36	NONE
64MB	NONE	(1) 8M x 36	(1) 8M x 36

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
128KB	(4) 32K x 8	NONE	(1) 8K x 8
256KB (A)	(4) 32K x 8	(4) 32K x 8	(1) 16K or (1) 32K x 8
256KB (B)	(4) 64K x 8	NONE	(1) 16K or (1) 32K x 8

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CACHE JUMPER CONFIGURATION			
Size	JP13	JP14	JP15
128KB	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed
256KB (A)	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
256KB (B)	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed

CPU TYPE CONFIGURATION					
Type	JS1	JS2	JS3	JS4	JS5
80486SX	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2
SL80486SX	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2
UMCU5S	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2
CX486M7	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3
AM486DXL	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
80486DX	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
SL80486DX	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
AM486DXL2	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
80486DX2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
SL80486DX2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
P24D	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
80486DX4	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
Pentium Overdrive	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU TYPE CONFIGURATION (CON'T)					
Type	JS6	JS7	JS8	JS9	JS10
80486SX	1 & 2	1 & 2	3 & 4	1 & 2	2 & 3
SL80486SX	1 & 2	1 & 2	3 & 4	1 & 2	1 & 2
UMCU5S	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3
CX486M7	3 & 4	3 & 4	1 & 2	3 & 4	1 & 2
AM486DXL	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3
80486DX	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3
SL80486DX	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
AM486DXL2	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3
80486DX2	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3
SL80486DX2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
P24D	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2
80486DX4	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
Pentium Overdrive	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

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CPU TYPE CONFIGURATION (CON'T)				
Type	JS11	JS12	JS13	JS14
80486SX	pins 3 & 4 closed	pins 3 & 4 closed	pins 3 & 4 closed	pins 3 & 4 closed
SL80486SX	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
UMCU5S	pins 3 & 4 closed	pins 2 & 3 closed	pins 3 & 4 closed	pins 2 & 3 closed
CX486M7	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed	pins 3 & 4 closed
AM486DXL	pins 3 & 4 closed	pins 2 & 3 closed	pins 3 & 4 closed	pins 2 & 3 closed
80486DX	pins 3 & 4 closed	pins 3 & 4 closed	pins 3 & 4 closed	pins 3 & 4 closed
SL80486DX	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
AM486DXL2	pins 3 & 4 closed	pins 2 & 3 closed	pins 3 & 4 closed	pins 2 & 3 closed
80486DX2	pins 3 & 4 closed	pins 3 & 4 closed	pins 3 & 4 closed	pins 3 & 4 closed
SL80486DX2	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
P24D	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
80486DX4	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
Pentium Overdrive	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed

CPU SPEED CONFIGURATION (MX8315/UM9515)			
Speed	JP17	JP18	JP19
25MHz	Open	Open	Closed
33MHz	Closed	Closed	Closed
40MHz	Closed	Open	Closed
50iMHz	Open	Open	Closed
50MHz	Open	Closed	Open
66iMHz	Closed	Closed	Closed
75iMHz	Open	Open	Closed
80iMHz	Closed	Open	Closed
100iMHz	Closed	Closed	Closed

CPU SPEED CONFIGURATION (IMIS466)			
Speed	JP17	JP18	JP19
25MHz	Open	Open	Open
33MHz	Closed	Closed	Open
40MHz	Closed	Open	Open
50iMHz	Open	Open	Open
50MHz	Open	Closed	Open
66iMHz	Closed	Closed	Open
75iMHz	Open	Open	Open
80iMHz	Closed	Open	Open
100iMHz	Closed	Closed	Open

CPU SPEED CONFIGURATION (80486DX4 ONLY)	
Speed	JP25
2x	pins 2 & 3 closed
3x	Open

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CPU VOLTAGE CONFIGURATION			
Voltage	JP10	JP11	JP12
3.3v	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
5v	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed

VESA WAIT STATE CONFIGURATION	
Wait states	JP24
0 wait states	Open
1 wait state	Closed

VL BUS SPEED CONFIGURATION	
CPU speed	JP22
<= 33MHz	Open
> 33MHz	Closed