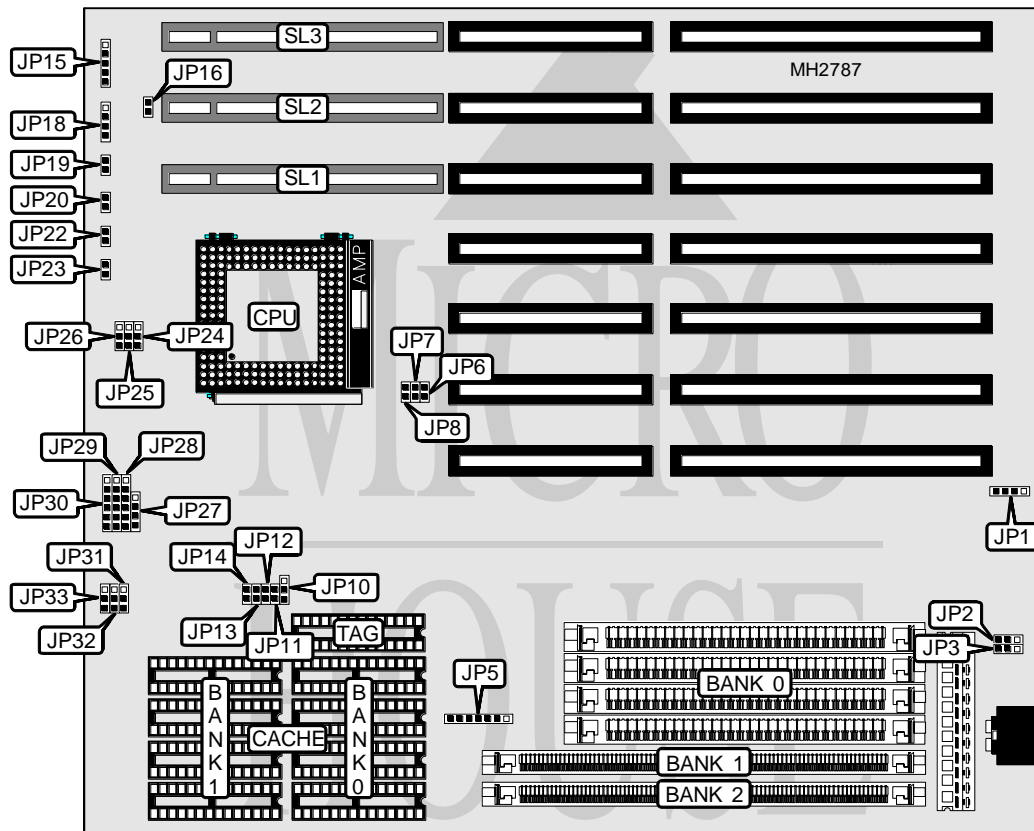


AMPTRON INTERNATIONAL, INC.

DX-6900 VER. 1.4

Processor	AM486SX/80486SX/CX486DX/AM486DX/80486DX/SL80486DX/CX486DX2/ AM486DX2/80486DX2/SL80486DX2/AM486DX4/80486DX4
Processor Speed	25/33/40/50(internal)/50/66(internal)/75(internal)/100(internal)MHz
Chip Set	Unidentified
Max. Onboard DRAM	64MB
Cache	64/128/256/512/1024KB
BIOS	AMI
Dimensions	254mm x 218mm
I/O Options	32-bit VESA local bus slots (3), green PC connector
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	JP1	Reset switch	JP20
Power LED & keylock	JP15	Turbo switch	JP22
Speaker	JP18	Green PC connector	JP23
Turbo LED	JP19	32-bit VESA local bus slots	SL1 - SL3

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Battery type select internal	JP1	Closed
Battery type select external	JP1	pins 2 & 3 closed
CMOS memory clear	JP1	pins 3 & 4 closed
í Factory configured - do not alter	JP2	pins 2 & 3 closed
í Factory configured - do not alter	JP3	Open
í Factory configured - do not alter	JP31	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) 256K x 36	(1) 256K x 36
2MB	NONE	(1) 512K x 36	NONE
3MB	(4) 256K x 9	(1) 256K x 36	(1) 256K x 36
3MB	NONE	(1) 256K x 36	(1) 512K x 36
3MB	NONE	(1) 512K x 36	(1) 256K x 36
4MB	(4) 1M x 9	NONE	NONE
4MB	NONE	(1) 512K x 36	(1) 512K x 36
4MB	NONE	(1) 1M x 36	NONE
5MB	(4) 256K x 9	(1) 1M x 36	NONE
5MB	(4) 1M x 9	(1) 256K x 36	NONE
5MB	NONE	(1) 256K x 36	(1) 1M x 36
5MB	NONE	(1) 1M x 36	(1) 256K x 36
6MB	(4) 256K x 9	(1) 256K x 36	(1) 1M x 36
6MB	(4) 1M x 9	(1) 256K x 36	(1) 256K x 36
6MB	NONE	(1) 512K x 36	(1) 1M x 36
6MB	NONE	(1) 1M x 36	(1) 512K x 36
8MB	(4) 1M x 9	(1) 1M x 36	NONE
8MB	NONE	(1) 1M x 36	(1) 1M x 36
8MB	NONE	(1) 2M x 36	NONE
9MB	(4) 1M x 9	(1) 256K x 36	(1) 1M x 36
9MB	(4) 1M x 9	(1) 1M x 36	(1) 256K x 36
9MB	NONE	(1) 256K x 36	(1) 2M x 36
9MB	NONE	(1) 2M x 36	(1) 256K x 36
10MB	NONE	(1) 512K x 36	(1) 2M x 36
10MB	NONE	(1) 2M x 36	(1) 512K x 36
12MB	(4) 1M x 9	(1) 1M x 36	(1) 1M x 36
12MB	NONE	(1) 1M x 36	(1) 2M x 36
12MB	NONE	(1) 2M x 36	(1) 1M x 36
16MB	(4) 4M x 9	NONE	NONE
16MB	NONE	(1) 2M x 36	(1) 2M x 36
16MB	NONE	(1) 4M x 36	NONE

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DRAM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
17MB	(4) 256K x 9	(1) 4M x 36	NONE
17MB	(4) 4M x 9	(1) 256K x 36	NONE
17MB	NONE	(1) 256K x 36	(1) 4M x 36
17MB	NONE	(1) 4M x 36	(1) 256K x 36
18MB	(4) 256K x 9	(1) 256K x 36	(1) 4M x 36
18MB	(4) 256K x 9	(1) 1M x 36	(1) 256K x 36
18MB	(4) 256K x 9	(1) 4M x 36	(1) 256K x 36
18MB	NONE	(1) 512K x 36	(1) 4M x 36
18MB	NONE	(1) 4M x 36	(1) 512K x 36
20MB	(4) 1M x 9	(1) 4M x 36	NONE
20MB	(4) 4M x 9	(1) 1M x 36	NONE
20MB	NONE	(1) 1M x 36	(1) 4M x 36
20MB	NONE	(1) 4M x 36	(1) 1M x 36
21MB	(4) 256K x 9	(1) 1M x 36	(1) 4M x 36
21MB	(4) 256K x 9	(1) 4M x 36	(1) 1M x 36
21MB	(4) 1M x 9	(1) 256K x 36	(1) 4M x 36
21MB	(4) 1M x 9	(1) 4M x 36	(1) 256K x 36
24MB	(4) 1M x 9	(1) 1M x 36	(1) 4M x 36
24MB	(4) 1M x 9	(1) 4M x 36	(1) 1M x 36
24MB	NONE	(1) 2M x 36	(1) 4M x 36
24MB	NONE	(1) 4M x 36	(1) 2M x 36
32MB	(4) 4M x 9	(1) 4M x 36	NONE
32MB	NONE	(1) 4M x 36	(1) 4M x 36
32MB	NONE	(1) 8M x 36	NONE
33MB	(4) 256K x 9	(1) 4M x 36	(1) 4M x 36
33MB	NONE	(1) 256K x 36	(1) 8M x 36
33MB	NONE	(1) 8M x 36	(1) 256K x 36
34MB	NONE	(1) 512K x 36	(1) 8M x 36
34MB	NONE	(1) 8M x 36	(1) 512K x 36
36MB	(4) 1M x 9	(1) 4M x 36	(1) 4M x 36
36MB	NONE	(1) 1M x 36	(1) 8M x 36
36MB	NONE	(1) 8M x 36	(1) 1M x 36
40MB	NONE	(1) 2M x 36	(1) 8M x 36
40MB	NONE	(1) 8M x 36	(1) 2M x 36
48MB	NONE	(1) 4M x 36	(1) 8M x 36
48MB	NONE	(1) 8M x 36	(1) 4M x 36
64MB	(4) 16M x 9	NONE	NONE
64MB	NONE	(1) 16M x 36	NONE
64MB	NONE	NONE	(1) 16M x 36
64MB	NONE	(1) 8M x 36	(1) 8M x 36

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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
256KB	(4) 64K x 8	NONE	(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
1MB	(4) 128K x 8	(4) 128K x 8	(1) 32K x 8

CACHE JUMPER CONFIGURATION		
Size	JP5	JP10
64KB	pins 2 & 3 closed	pins 2 & 3 closed
128KB	pins 1 & 2 closed	pins 1 & 2 closed
256KB	pins 2 & 3 closed	pins 2 & 3 closed
256KB	pins 1 & 2, 3 & 4 closed	pins 1 & 2 closed
512KB	pins 2 & 3, 4 & 5 closed	pins 2 & 3 closed
512KB	pins 1 & 2, 3 & 4, 5 & 6 closed	pins 1 & 2 closed
1MB	pins 2 & 3, 4 & 5, 6 & 7 closed	pins 2 & 3 closed

CACHE JUMPER CONFIGURATION (CON'T)				
Size	JP11	JP12	JP13	JP14
64KB	Open	Open	Open	Open
128KB	Open	Open	Open	Closed
256KB	Open	Open	Closed	Closed
256KB	Open	Open	Closed	Closed
512KB	Open	Closed	Closed	Closed
512KB	Open	Closed	Closed	Closed
1MB	Closed	Closed	Closed	Closed

CPU TYPE CONFIGURATION			
Type	JP27	JP28	JP29
AM486SX	Open	2 & 3	Open
80486SX	Open	2 & 3	Open
CX486DX	2 & 3	1 & 2, 3 & 4, 5 & 6	1 & 2, 3 & 4, 5 & 6
AM486DX	Open	2 & 3	Open
80486DX	Open	2 & 3	Open
SL80486DX	1 & 2, 3 & 4	1 & 2	1 & 2
CX486DX2	2 & 3	1 & 2, 3 & 4, 5 & 6	1 & 2, 3 & 4, 5 & 6
CX486DX2V-80	2 & 3	1 & 2, 3 & 4, 5 & 6	1 & 2, 3 & 4, 5 & 6
AM486DX2	Open	2 & 3	Open
80486DX2	Open	2 & 3	Open
SL80486DX2	1 & 2, 3 & 4	1 & 2	1 & 2
AM486DX4	Open	2 & 3	Open
80486DX4	1 & 2, 3 & 4	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

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CPU TYPE CONFIGURATION			
Type	JP30	JP32	JP33
AM486SX	Open	Open	pins 2 & 3 closed
80486SX	Open	Open	pins 2 & 3 closed
CX486DX	pins 2 & 3, 4 & 5 closed	1 & 2	pins 1 & 2, 3 & 4 closed
AM486DX	Open	pins 1 & 2 closed	pins 1 & 2, 3 & 4 closed
80486DX	Open	pins 1 & 2 closed	pins 1 & 2, 3 & 4 closed
SL80486DX	pins 5 & 6 closed	pins 1 & 2 closed	pins 1 & 2, 3 & 4 closed
CX486DX2	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2, 3 & 4 closed
CX486DX2V-80	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2, 3 & 4 closed
AM486DX2	Open	pins 1 & 2 closed	pins 1 & 2, 3 & 4 closed
80486DX2	Open	pins 1 & 2 closed	pins 1 & 2, 3 & 4 closed
SL80486DX2	pins 5 & 6 closed	pins 1 & 2 closed	pins 1 & 2, 3 & 4 closed
AM486DX4	Open	pins 1 & 2 closed	pins 1 & 2, 3 & 4 closed
80486DX4	pins 5 & 6 closed	pins 1 & 2 closed	pins 1 & 2, 3 & 4 closed

Note: Pins designated should be in the closed position.

CPU SPEED CONFIGURATION			
Speed	JP6	JP7	JP8
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 VOLTAGE CONFIGURATION			
Voltage	JP24	JP25	JP26
3.3v	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
4v	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	JP16
0 wait states	Open
1 wait state	Closed

BUS SPEED CONFIGURATION	
CPU speed	JP17
<= 33MHz	Open
> 33MHz	Closed

Note: The location of JP17 is unidentified.