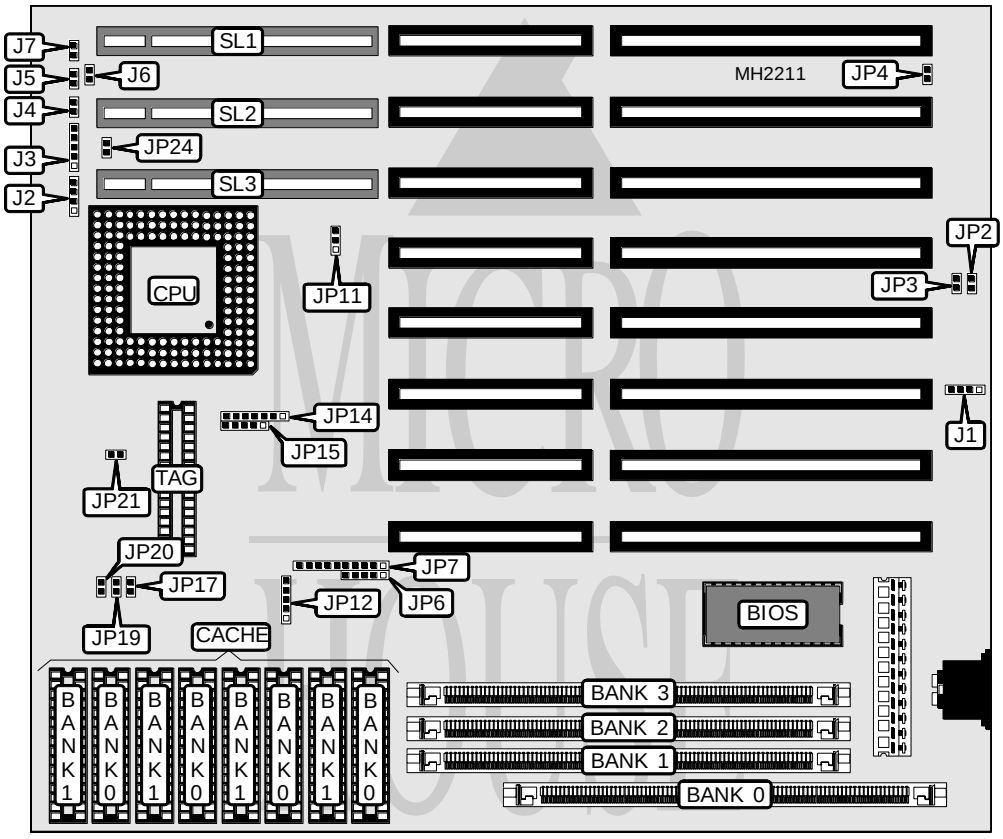
GENOA SYSTEMS CORPORATION
4 8 6 V L G - X 2 / X 4

Processor	CS486S/80486SX/80486SX2/CX486DX/80486DX/CX486DX2/80486DX2/ 80486DX4/Pentium Overdrive
Processor Speed	25/33/40/50(internal)/50/66(internal)MHz
Chip Set	SIS
Max. Onboard DRAM	64MB
Cache	128/256/512KB
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	J1	Turbo switch	J6
Speaker	J2	Break switch	J7
Power LED & keylock	J3	Green PC connector	JP2
Reset switch	J4	Green PC connector	JP3
Turbo LED	J5	32-bit VESA local bus slots	SL1 - SL3

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GENOA SYSTEMS CORPORATION
4 8 6 V L G - X 2 / X 4

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í CMOS memory normal operation	JP4	Open
‘ CMOS memory clear	JP4	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	(1) 512K x 36	NONE	NONE
4MB	(1) 1M x 36	NONE	NONE	NONE
5MB	(1) 256K x 36	(1) 1M x 36	NONE	NONE
6MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	NONE
6MB	NONE	(1) 512K x 36	(1) 1M x 36	NONE
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
8MB	NONE	(1) 2M x 36	NONE	NONE
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	NONE	(1) 2M x 36
10MB	NONE	(1) 512K x 36	(1) 1M x 36	(1) 1M x 36
10MB	NONE	(1) 512K x 36	NONE	(1) 2M x 36
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	NONE
12MB	NONE	(1) 2M x 36	(1) 1M x 36	NONE
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 2M x 36	(1) 2M x 36	NONE	NONE
16MB	NONE	(1) 2M x 36	NONE	(1) 2M x 36
16MB	NONE	(1) 2M x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 4M x 36	NONE	NONE	NONE
17MB	(1) 256K x 36	(1) 4M x 36	NONE	NONE
18MB	(1) 256K x 36	(1) 256K x 36	(1) 4M x 36	NONE
18MB	NONE	(1) 512K x 36	(1) 4M x 36	NONE
20MB	(1) 1M x 36	(1) 4M x 36	NONE	NONE
24MB	(1) 1M x 36	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36
24MB	NONE	(1) 2M x 36	(1) 4M x 36	NONE
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
32MB	NONE	(1) 8M x 36	NONE	NONE
36MB	(1) 1M x 36	(1) 4M x 36	(1) 4M 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	NONE	(1) 8M x 36
40MB	NONE	(1) 2M x 36	(1) 4M x 36	(1) 4M x 36
40MB	NONE	(1) 2M x 36	NONE	(1) 8M x 36
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	NONE
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
64MB	NONE	(1) 8M x 36	NONE	(1) 8M x 36

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GENOA SYSTEMS CORPORATION
4 8 6 V L G - X 2 / X 4

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CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
128KB	(4) 32K x 8	NONE	(1) 8K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 16K/32K x 8
256KB	(4) 64K x 8	NONE	(1) 16K/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	JP12	JP21
128KB	pins 1 & 2 closed	Open
256KB	pins 2 & 3 closed	Open
256KB	pins 1 & 2, 3 & 4 closed	Open
512KB	pins 2 & 3, 4 & 5 closed	Closed
512KB	pins 1 & 2, 3 & 4 closed	Closed

CPU TYPE CONFIGURATION		
Type	JP6	JP7
CX486S	1 & 2, 3 & 4	2 & 3, 4 & 5, 7 & 8, 9 & 10
80486SX/SX2	2 & 3, 4 & 5	1 & 2, 3 & 4, 6 & 7, 8 & 9
CX486DX	1 & 2, 3 & 4	2 & 3, 4 & 5, 7 & 8, 9 & 10
80486DX	2 & 3, 4 & 5	1 & 2, 3 & 4, 6 & 7, 8 & 9
CX486DX2	1 & 2, 3 & 4	2 & 3, 4 & 5, 7 & 8, 9 & 10
80486DX2	2 & 3, 4 & 5	1 & 2, 3 & 4, 6 & 7, 8 & 9
80486DX4 (2x)	2 & 3, 4 & 5	1 & 2, 3 & 4, 6 & 7, 8 & 9
80486DX4 (2.5x)	2 & 3, 4 & 5	1 & 2, 3 & 4, 6 & 7, 8 & 9
80486DX4 (3x)	2 & 3, 4 & 5	1 & 2, 3 & 4, 6 & 7, 8 & 9
Pentium Overdrive	2 & 3, 4 & 5	1 & 2, 3 & 4, 6 & 7, 8 & 9
Note: Pins designated should be in the closed position.		

CPU TYPE CONFIGURATION (CON'T)			
Type	JP11	JP14	JP15
CX486S	Open	2 & 3, 5 & 6	3 & 4
80486SX/SX2	Open	2 & 3, 4 & 5, 6 & 7	3 & 4
CX486DX	Open	1 & 2, 5 & 6	3 & 4
80486DX	Open	1 & 2, 4 & 5, 6 & 7	3 & 4
CX486DX2	Open	1 & 2, 5 & 6	1 & 2, 3 & 4
80486DX2	Open	1 & 2, 4 & 5, 6 & 7	3 & 4
80486DX4 (2x)	1 & 2	1 & 2, 4 & 5, 6 & 7	3 & 4
80486DX4 (2.5x)	2 & 3	1 & 2, 4 & 5, 6 & 7	3 & 4
80486DX4 (3x)	Open	1 & 2, 4 & 5, 6 & 7	3 & 4
Pentium Overdrive	Open	1 & 2, 4 & 5, 6 & 7	3 & 4
Note: Pins designated should be in the closed position.			

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GENOA SYSTEMS CORPORATION
4 8 6 V L G - X 2 / X 4

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CPU SPEED CONFIGURATION			
Speed	JP17	JP19	JP20
25MHz	Closed	Open	Closed
33MHz	Closed	Closed	Open
40MHz	Open	Open	Closed
50iMHz	Closed	Open	Closed
50MHz	Open	Closed	Open
66iMHz	Closed	Closed	Open

BUS SPEED CONFIGURATION	
CPU speed	JP24
<= 33MHz	Open
> 33MHz	Closed