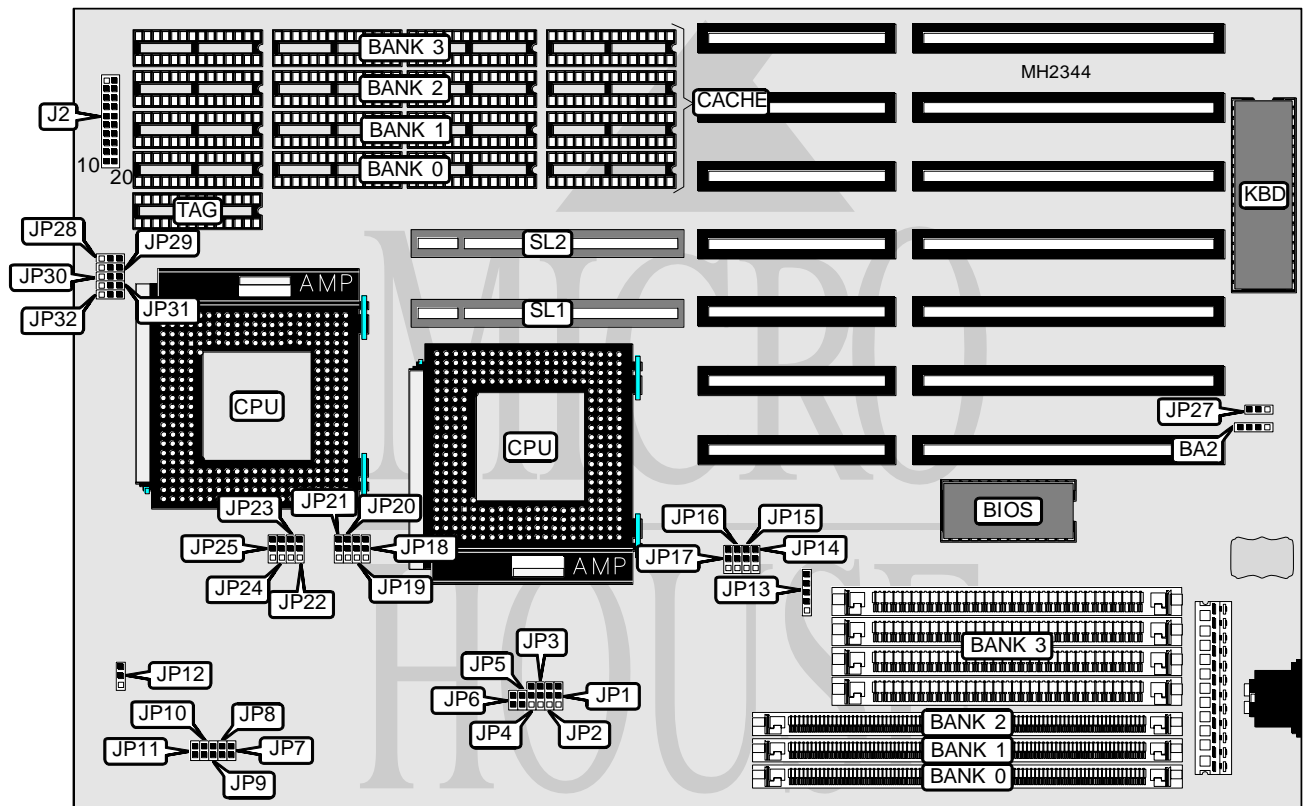


ACER AMERICA CORPORATION

VI7

Processor	80486SX/AM486DX/CX486DX/80486DX/AM486DX2/CX486DX2/80486DX2/ Pentium Overdrive/Pentium
Processor Speed	25/33/40/50(internal)/50/60/66(internal)/66MHz
Chip Set	OPTI
Max. Onboard DRAM	128MB
Cache	256/512KB
BIOS	AMI
Dimensions	330mm x 218mm
I/O Options	32-bit VESA local bus slots (2)
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	BA2	Turbo switch	J2 (pins 15 - 17)
Power LED & keylock	J2 (pins 1 - 5)	Reset switch	J2 (pins 19 - 20)
Speaker	J2 (pins 6 - 10)	32-bit VESA local bus slots	SL1 & SL2
Turbo LED	J2 (pins 12 - 13)		

Continued on next page...

ACER AMERICA CORPORATION

VI7

... continued from previous page

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
1 Factory configured - do not alter	JP3	Open
1 Factory configured - do not alter	JP7	Open
1 Factory configured - do not alter	JP14	pins 1 & 2 closed
1 CMOS memory normal operation	JP27	pins 2 & 3 closed
CMOS memory clear	JP27	pins 1 & 2 closed

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
2MB	(1) 512K x 36	NONE	NONE	NONE
4MB	(1) 512K x 36	(1) 512K x 36	NONE	NONE
4MB	(1) 1M x 36	NONE	NONE	NONE
4MB	NONE	NONE	NONE	(4) 1M x 9
6MB	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36	NONE
6MB	(1) 512K x 36	(1) 1M x 36	NONE	NONE
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
8MB	(1) 2M x 36	NONE	NONE	NONE
8MB	NONE	(1) 1M x 36	NONE	(4) 1M x 9
10MB	(1) 512K x 36	(1) 2M x 36	NONE	NONE
12MB	(1) 512K x 36	(1) 512K x 36	(1) 2M x 36	NONE
12MB	(1) 1M x 36	(1) 2M x 36	NONE	NONE
12MB	NONE	(1) 2M x 36	NONE	(4) 1M x 9
14MB	(1) 512K x 36	(1) 1M x 36	(1) 2M x 36	NONE
16MB	(1) 1M x 36	(1) 1M x 36	(1) 2M x 36	NONE
16MB	(1) 2M x 36	(1) 2M x 36	NONE	NONE
16MB	(1) 4M x 36	NONE	NONE	NONE
16MB	NONE	(1) 1M x 36	(1) 2M x 36	(4) 1M x 9
16MB	NONE	NONE	NONE	(4) 4M x 9
18MB	(1) 512K x 36	(1) 2M x 36	(1) 2M x 36	NONE
18MB	(1) 512K x 36	(1) 2M x 36	(1) 2M x 36	NONE
20MB	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36	NONE
20MB	(1) 1M x 36	(1) 4M x 36	NONE	NONE
20MB	NONE	(1) 2M x 36	(1) 2M x 36	(4) 1M x 9
20MB	NONE	(1) 4M x 36	NONE	(4) 1M x 9
24MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	NONE
24MB	(1) 2M x 36	(1) 4M x 36	NONE	NONE
24MB	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36	(4) 1M x 9
24MB	(1) 1M x 36	(1) 4M x 36	NONE	(4) 1M x 9
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
32MB	(1) 8M x 36	NONE	NONE	NONE
32MB	NONE	(1) 4M x 36	NONE	(4) 4M x 9

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ACER AMERICA CORPORATION

VI7

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DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
34MB	(1) 512K x 36	(1) 8M x 36	NONE	NONE
36MB	(1) 512K x 36	(1) 2M x 36	(1) 8M x 36	NONE
36MB	(1) 1M x 36	(1) 8M x 36	NONE	NONE
36MB	NONE	(1) 8M x 36	NONE	(4) 1M x 9
38MB	(1) 512K x 36	(1) 1M x 36	(1) 8M x 36	NONE
40MB	(1) 1M x 36	(1) 1M x 36	(1) 8M x 36	NONE
40MB	(1) 2M x 36	(1) 8M x 36	NONE	NONE
40MB	NONE	(1) 1M x 36	(1) 8M x 36	(4) 1M x 9
42MB	(1) 512K x 36	(1) 2M x 36	(1) 8M x 36	NONE
44MB	(1) 1M x 36	(1) 2M x 36	(1) 8M x 36	NONE
44MB	NONE	(1) 2M x 36	(1) 8M x 36	(4) 1M x 9
48MB	(1) 2M x 36	(1) 2M x 36	(1) 8M x 36	NONE
48MB	(1) 4M x 36	(1) 8M x 36	NONE	NONE
48MB	NONE	(1) 8M x 36	NONE	(4) 1M x 9
48MB	(1) 1M x 36	(1) 2M x 36	(1) 8M x 36	(4) 1M x 9
50MB	(1) 512K x 36	(1) 4M x 36	(1) 8M x 36	NONE
52MB	(1) 1M x 36	(1) 4M x 36	(1) 8M x 36	NONE
52MB	NONE	(1) 4M x 36	(1) 8M x 36	(4) 1M x 9
56MB	(1) 2M x 36	(1) 4M x 36	(1) 8M x 36	NONE
56MB	(1) 1M x 36	(1) 4M x 36	(1) 8M x 36	(4) 1M x 9
64MB	(1) 4M x 36	(1) 4M x 36	(1) 8M x 36	NONE
64MB	(1) 8M x 36	(1) 8M x 36	NONE	NONE
64MB	NONE	(1) 4M x 36	(1) 8M x 36	(4) 4M x 9
64MB	NONE	NONE	NONE	(4) 16M x 9
66MB	(1) 512K x 36	(1) 8M x 36	(1) 8M x 36	NONE
68MB	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36	NONE
68MB	NONE	(1) 8M x 36	(1) 8M x 36	(4) 1M x 9
72MB	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36	(4) 1M x 9
80MB	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36	NONE
80MB	NONE	(1) 8M x 36	(1) 8M x 36	(4) 4M x 9
96MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	NONE
96MB	NONE	(1) 8M x 36	NONE	(4) 16M x 9
96MB	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36	(4) 4M x 9
128MB	NONE	(1) 8M x 36	(1) 8M x 36	(4) 16M x 9

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ACER AMERICA CORPORATION

VI7

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DRAM JUMPER CONFIGURATION				
Size	JP13	JP15	JP16	JP17
2MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
4MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
4MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
4MB	pins 2 & 3, 4 & 5 closed	NONE	NONE	pins 1 & 2 closed
6MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
6MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
8MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
8MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
8MB	pins 2 & 3, 4 & 5 closed	NONE	NONE	pins 1 & 2 closed
10MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
12MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
12MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
12MB	pins 2 & 3, 4 & 5 closed	NONE	NONE	pins 1 & 2 closed
14MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
16MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
16MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
16MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
16MB	pins 2 & 3, 4 & 5 closed	NONE	NONE	pins 1 & 2 closed
16MB	pins 2 & 3, 4 & 5 closed	NONE	NONE	pins 1 & 2 closed
18MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
18MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
20MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
20MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
20MB	pins 2 & 3, 4 & 5 closed	NONE	NONE	pins 1 & 2 closed
20MB	pins 2 & 3, 4 & 5 closed	NONE	NONE	pins 1 & 2 closed
24MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
24MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
24MB	pins 2 & 3, 4 & 5 closed	NONE	pins 2 & 3 closed	pins 1 & 2 closed
24MB	pins 2 & 3, 4 & 5 closed	NONE	pins 2 & 3 closed	pins 1 & 2 closed
32MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
32MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
32MB	pins 2 & 3, 4 & 5 closed	NONE	NONE	pins 1 & 2 closed
34MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
36MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
36MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
36MB	pins 2 & 3, 4 & 5 closed	NONE	NONE	pins 1 & 2 closed
38MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
40MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
40MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
40MB	pins 2 & 3, 4 & 5 closed	NONE	NONE	pins 1 & 2 closed

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ACER AMERICA CORPORATION

VI7

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DRAM JUMPER CONFIGURATION (CON'T)				
Size	JP13	JP15	JP16	JP17
42MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
44MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
44MB	pins 2 & 3, 4 & 5 closed	Open	Open	pins 1 & 2 closed
48MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
48MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
48MB	pins 2 & 3, 4 & 5 closed	Open	Open	pins 1 & 2 closed
48MB	pins 2 & 3, 4 & 5 closed	Open	pins 2 & 3 closed	pins 1 & 2 closed
50MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
52MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
52MB	pins 2 & 3, 4 & 5 closed	Open	Open	pins 1 & 2 closed
56MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
56MB	pins 2 & 3, 4 & 5 closed	Open	pins 2 & 3 closed	pins 1 & 2 closed
64MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
64MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
64MB	pins 2 & 3, 4 & 5 closed	Open	Open	pins 1 & 2 closed
64MB	pins 1 & 2, 3 & 4 closed	Open	Open	pins 2 & 3 closed
66MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
68MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
68MB	pins 2 & 3, 4 & 5 closed	Open	Open	pins 1 & 2 closed
72MB	pins 2 & 3, 4 & 5 closed	Open	pins 2 & 3 closed	pins 1 & 2 closed
80MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
80MB	pins 2 & 3, 4 & 5 closed	Open	Open	pins 1 & 2 closed
96MB	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
96MB	pins 1 & 2, 3 & 4 closed	Open	Open	pins 2 & 3 closed
96MB	pins 2 & 3, 4 & 5 closed	Open	pins 2 & 3 closed	pins 1 & 2 closed
128MB	pins 1 & 2, 3 & 4 closed	Open	Open	pins 2 & 3 closed

CACHE CONFIGURATION					
Size	Bank 0	Bank 1	Bank 2	Bank 3	TAG
256KB (80486)	(4) 32K x 8	(4) 32K x 8	NONE	NONE	(1) 32K x 8
256KB (Pentium)	NONE	(4) 32K x 8	NONE	(4) 32K x 8	(1) 32K x 8
512KB (Pentium)	(4) 32K x 8	(4) 32K x 8	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8

CACHE JUMPER CONFIGURATION					
Size	JP28	JP29	JP30	JP31	JP32
256KB (80486)	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3
256KB (Pentium)	2 & 3	Open	2 & 3	2 & 3	1 & 2
512KB (Pentium)	2 & 3	2 & 3	1 & 2	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

Continued on next page. . .

ACER AMERICA CORPORATION

VI7

... continued from previous page

CPU TYPE CONFIGURATION								
Type	JP18	JP19	JP20	JP21	JP22	JP23	JP24	JP25
80486SX	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3	Open	Open
80486DX	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
80486DX2	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
P24T	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3	Open	Open
Pentium	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED CONFIGURATION								
Speed	JP1	JP2	JP4	JP8	JP9	JP10	JP11	JP12
25MHz	1 & 2	2 & 3	2 & 3	Open	Closed	Closed	Closed	1 & 2
33MHz	2 & 3	1 & 2	2 & 3	Open	Closed	Closed	Open	1 & 2
40MHz	1 & 2	1 & 2	2 & 3	Closed	Open	Closed	Closed	1 & 2
50iMHz	1 & 2	2 & 3	1 & 2	Open	Open	Closed	Open	1 & 2
50MHz	2 & 3	2 & 3	1 & 2	Closed	Open	Closed	Open	2 & 3
60MHz	2 & 3	1 & 2	2 & 3	Open	Closed	Open	Open	2 & 3
66iMHz	2 & 3	1 & 2	2 & 3	Open	Closed	Closed	Open	1 & 2
66MHz	2 & 3	1 & 2	2 & 3	Open	Closed	Open	Closed	2 & 3

Note: Pins designated should be in the closed position.

VESA WAIT STATE CONFIGURATION	
Wait states	JP5
0 wait states	Open
1 wait state	Closed

BUS SPEED CONFIGURATION	
CPU speed	JP6
<= 33MHz	Open
> 33MHz	Closed