CLUB AMERICAN TECHNOLOGIES, INC.
EAGLE 300 SERIES
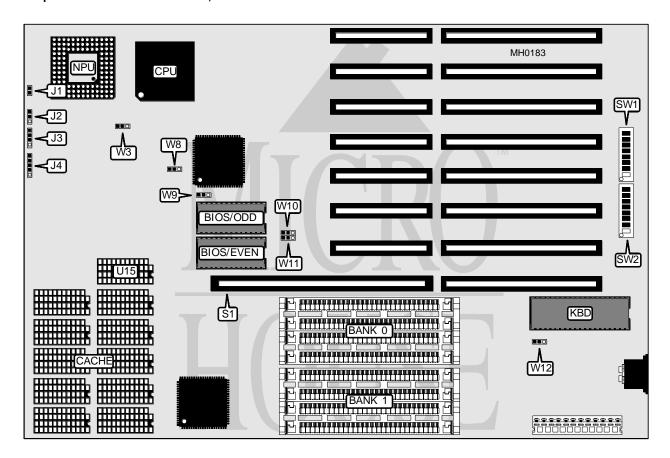
Processor	80386DX
Processor Speed	25/33/40MHz
Chip Set	VLSI
Max. Onboard DRAM	32MB
Cache	64/256KB
BIOS	AMI
Dimensions	330mm x 218mm
I/O Options	32-bit external memory card slot
NPU Options	80387/3167

CONNECTIONS			
Purpose	Location	Purpose	Location
Reset switch	J1	Power LED & keylock	J4
Turbo LED	J2	External battery	J8
Speaker	J3	32-bit external memory card	S1

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E A G L E   3 0 0   S E R I E S

USER CONFIGURABLE SETTINGS		
Function	Jumper/Switch	Position
í CPU speed select switchable from keyboard	W3	pins 1 & 2 closed
CPU speed select forced fast	W3	Open
CPU speed select slow	W3	pins 2 & 3 closed
í Factory configured - do not alter	W8	pins 1 & 2 closed
í BIOS type select 27256	W9	pins 2 & 3 closed
BIOS type select 27512	W9	pins 1 & 2 closed
í Monitor type select color	W12	pins 2 & 3 closed
Monitor type select monochrome	W12	pins 1 & 2 closed
í Factory configured - do not alter	SW1/1	On
í Factory configured - do not alter	SW1/2	Off
í Factory configured - do not alter	SW2/1	On
í Factory configured - do not alter	SW2/2	On
í Shadow video BIOS enabled	SW2/3	On
Shadow video BIOS disabled	SW2/3	Off
í Factory configured - do not alter	SW2/4	Off
í Shadow system BIOS enabled	SW2/5	On
Shadow system BIOS disabled	SW2/5	Off
í Factory configured - do not alter	SW2/6	Off
í Factory configured - do not alter	SW2/7	On
í Factory configured - do not alter	SW2/8	Off

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(4) 256K x 9	NONE	NONE	NONE
2MB	(4) 256K x 9	(4) 256K x 9	NONE	NONE
4MB	(4) 1M x 9	NONE	NONE	NONE
6MB	(4) 256K x 9	(4) 256K x 9	(4) 1M x 9	NONE
8MB	(4) 1M x 9	(4) 1M x 9	NONE	NONE
10MB	(4) 256K x 9	(4) 256K x 9	(4) 1M x 9	(4) 1M x 9
12MB	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9	NONE
16MB	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	NONE	NONE	NONE
24MB	(4) 1M x 9	(4) 1M x 9	(4) 4M x 9	NONE
32MB	(4) 4M x 9	(4) 4M x 9	NONE	NONE
40MB	(4) 1M x 9	(4) 1M x 9	(4) 4M x 9	(4) 4M x 9
48MB	(4) 1M x 9	(4) 1M x 9	(4) 4M x 9	(4) 4M x 9
64MB	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9
Note: Banks 2 & 3 are used when a 32-bit external memory card is installed at S1.				

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DRAM JUMPER/SWITCH CONFIGURATION						
Size	SW1/5	SW1/6	SW1/7	SW1/8	W10	W11
1MB	On	On	On	On	2 & 3	2 & 3
2MB	On	Off	On	On	2 & 3	2 & 3
4MB	On	On	On	Off	1 & 2	2 & 3
6MB	Off	On	On	On	1 & 2	2 & 3
8MB	On	Off	On	Off	1 & 2	2 & 3
10MB	Off	Off	On	On	2 & 3	2 & 3
12MB	Off	On	On	Off	1 & 2	2 & 3
16MB	Off	Off	On	Off	1 & 2	2 & 3
16MB	On	On	Off	Off	1 & 2	1 & 2
24MB	Off	On	Off	On	1 & 2	2 & 3
32MB	On	Off	Off	Off	1 & 2	1 & 2
40MB	Off	Off	Off	On	1 & 2	1 & 2
48MB	Off	On	Off	Off	1 & 2	1 & 2
64MB	On	Off	Off	Off	1 & 2	1 & 2
Note: Pins designated should be in the closed position.						

CACHE CONFIGURATION		
Size	Bank 0	TAG (U15)
64KB	(10) 16K x 4	(1) 16K x 4
256KB	(10) 64K x 4	NONE

CACHE SWITCH CONFIGURATION		
Size	SW1/3	SW1/4
64KB	Off	Off
256KB	On	On