NASCENT TECHNOLOGY, INC.
N T 3 8 6 - 3 3

Processor	80386DX
Processor Speed	33MHz
Chip Set	VLSI
Max. Onboard DRAM	8MB
Cache	64/256KB
BIOS	AMI
Dimensions	355mm x 304mm
I/O Options	32-bit external memory card slot
NPU Options	80387/3167
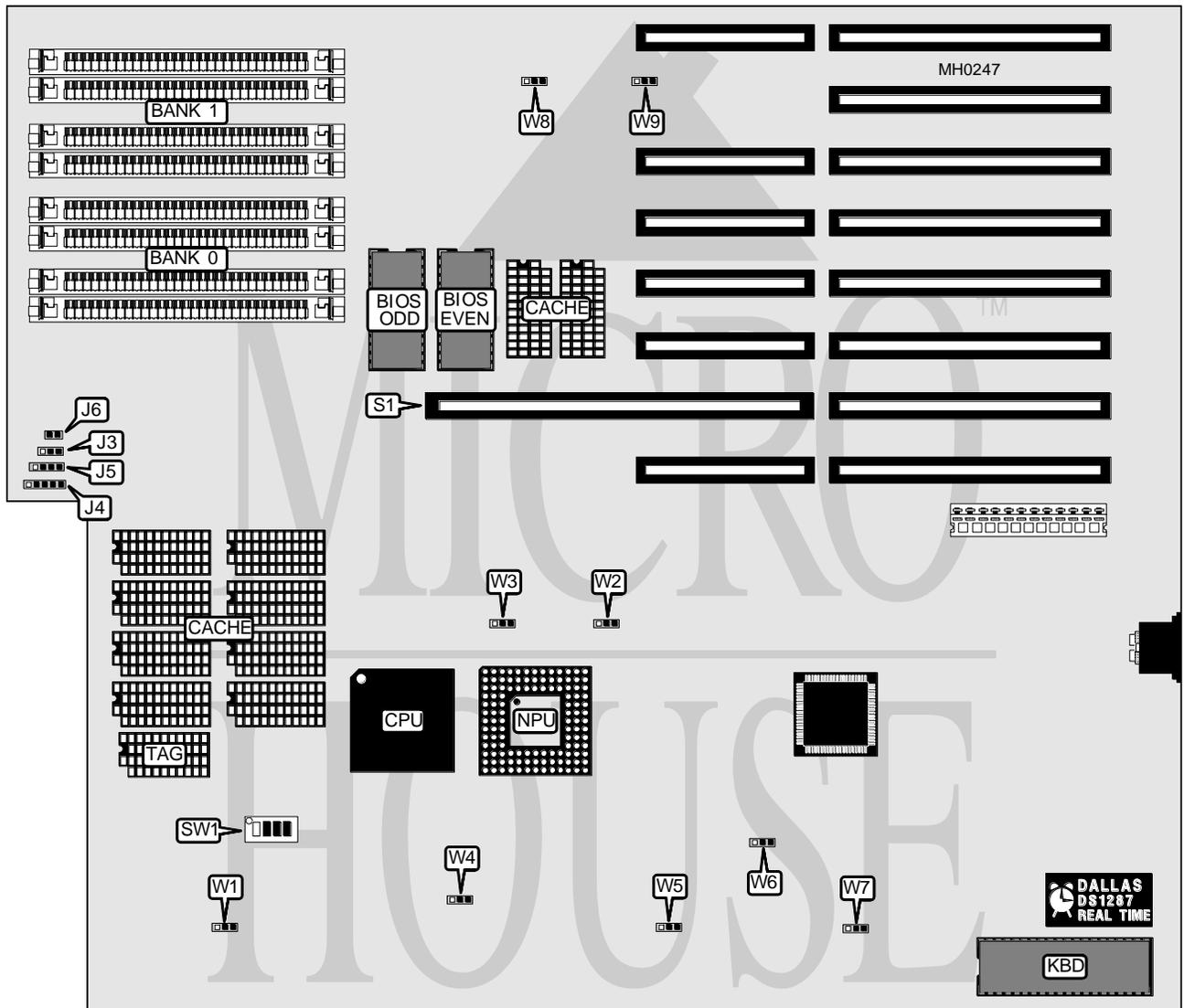
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NT386-33

CONNECTIONS			
Purpose	Location	Purpose	Location
Turbo LED	J3	Reset switch	J6
Power LED & keylock	J4	Turbo switch	W6
Speaker	J5	32-bit external memory card	S1

USER CONFIGURABLE SETTINGS		
Function	Jumper/Switch	Position
í Factory configured - do not alter	SW1/3	N/A
í DMA clock speed select 8.25MHz	W1	pins 1 & 2 closed
DMA clock speed select 4.13MHz	W1	pins 2 & 3 closed
í 8 bit memory I/O select 4 wait states	W4	pins 1 & 2 closed
8 bit memory I/O select 5 wait states	W4	pins 2 & 3 closed
í 16 bit memory I/O select 1 wait state	W5	pins 1 & 2 closed
16 bit memory I/O select 2 wait states	W5	pins 2 & 3 closed
í Monitor type select monochrome	W7	pins 1 & 2 closed
Monitor type select color	W7	pins 2 & 3 closed

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
8MB	(4) 1M x 9	(4) 1M x 9	NONE	NONE
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
Note: Banks 2 & 3 are used when a 32-bit external memory card is installed at S1.				

DRAM JUMPER/SWITCH CONFIGURATION					
Size	SW1/1	SW1/2	SW1/4	W8	W9
1MB	On	On	On	2 & 3	2 & 3
2MB	On	Off	Off	2 & 3	2 & 3
4MB	Off	Off	On	1 & 2	1 & 2
8MB	On	Off	Off	1 & 2	1 & 2
12MB	Off	On	Off	1 & 2	1 & 2
16MB	On	On	Off	1 & 2	1 & 2
Note: Pins designated should be in the closed position.					

CACHE CONFIGURATION		
Size	Bank 0	TAG
64KB	(10) 16K x 4	(1) 16K x 1
256KB	(10) 64K x 4	(1) 64K x 1

CACHE JUMPER CONFIGURATION		
Size	W2	W3
64KB	pins 1 & 2 closed	pins 1 & 2 closed
256KB	pins 2 & 3 closed	pins 2 & 3 closed