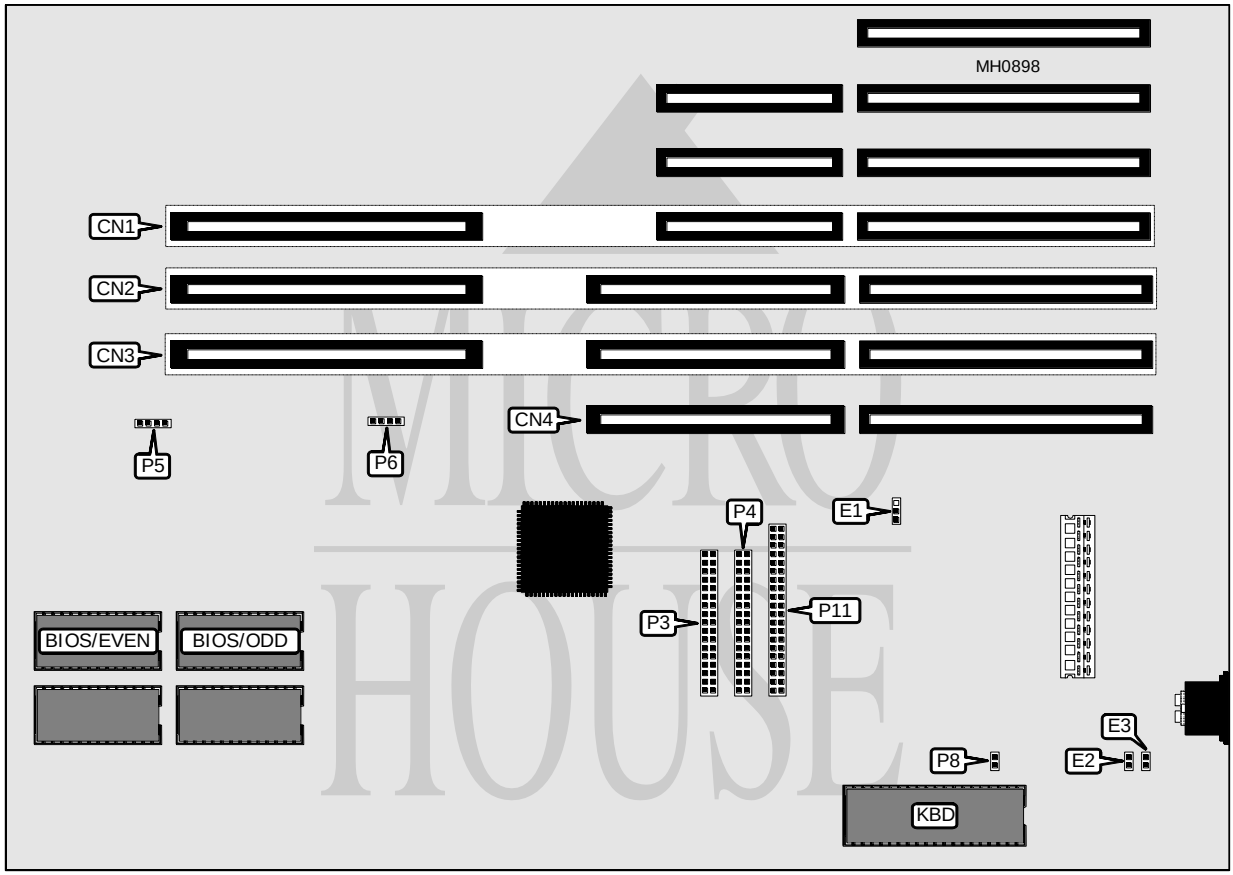
AST RESEARCH, INC.
PREMIUM 386SX/16

Processor	80386SX
Processor Speed	16MHz
Chip Set	AST
Max. Onboard DRAM	None (4MB total on 32-bit external CPU/NPU card)
Cache	16KB
BIOS	AST
Dimensions	355mm x 251mm
I/O Options	16-bit external expansion card slot, 32-bit external CPU/NPU card slot, 32-bit external memory card slot (2), floppy interface, IDE interface, parallel port, serial ports (2)
NPU Options	80387SX



CONNECTIONS			
Purpose	Location	Purpose	Location
32-bit external CPU/NPU card	CN1	Auxillary floppy drive interface	P4
32-bit external memory card	CN2	Power LED & reset switch	P5
32-bit external memory card	CN3	Speaker	P6
16-bit external expansion card	CN4	External battery	P8
Primary floppy drive interface	P3	IDE interface	P11
Note: Expansion card slots CN1 through CN4 will accept standard 8 or 16-bit ISA cards.			

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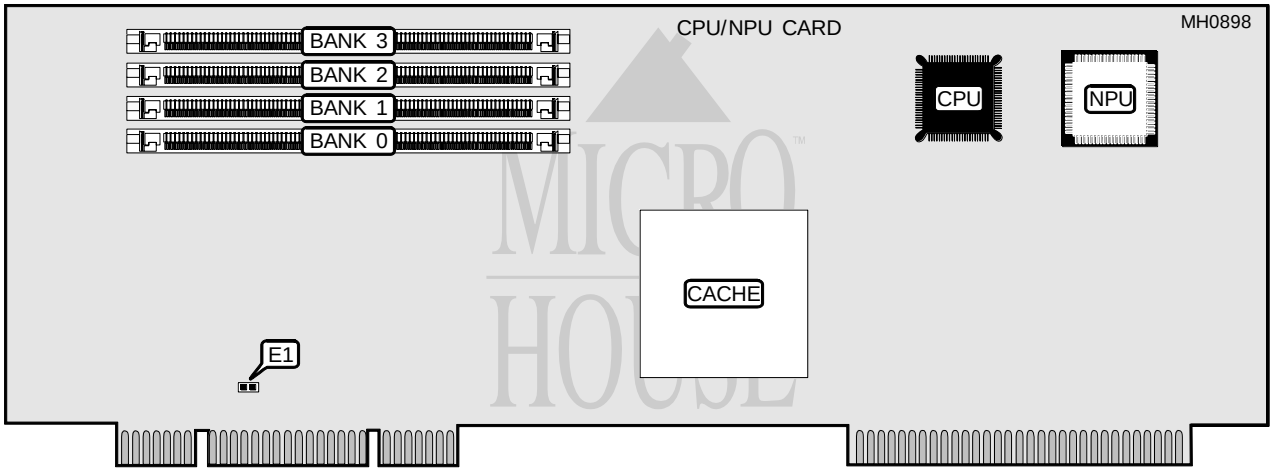
USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Password check enabled	E1	pins 1 & 2 closed
Password check disabled	E1	pins 2 & 3 closed
í Factory configured - do not alter	E2	Open
í Factory configured - do not alter	E3	Open



USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Parity check enabled	E1	Closed
Parity check disabled	E1	Open

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
3MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	NONE
4MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36

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