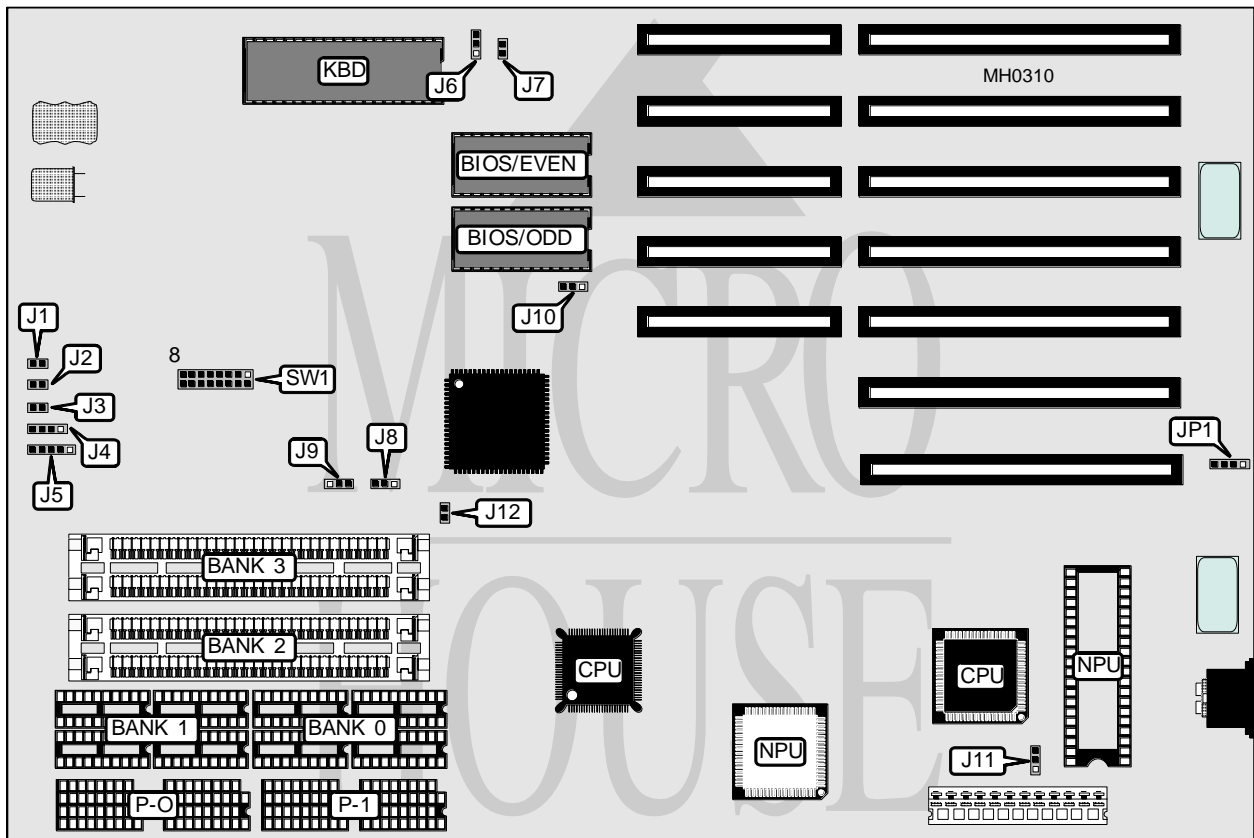


PEAKTRON COMPUTER, INC.

PA 286-16/20/25 & PA 386SX-16/20

Processor	80286/80386SX
Processor Speed	16/20/25MHz
Chip Set	Peaktron
Max. Onboard DRAM	16MB
Cache	None
BIOS	AMI
Dimensions	330mm x 220mm
I/O Options	None
NPU Options	80287/80387SX



CONNECTIONS			
Purpose	Location	Purpose	Location
Reset switch	J1	Speaker	J4
Turbo switch	J2	Power LED & keylock	J5
Turbo LED	J3	External battery	JP1

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PA 286-16/20/25 & PA 386SX-16/20

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USER CONFIGURABLE SETTINGS		
Function	Jumper/Switch	Position
í CPU speed select switchable at turbo switch	J6	open
CPU speed select switchable at keyboard	J6	1 & 2 or 2 & 3
í Monitor type select monochrome	J7	open
Monitor type select color	J7	closed
í NPU mode select synchronous with CPU	J11	pins 2 & 3 closed
NPU mode select asynchronous with CPU	J11	pins 1 & 2 closed
í Bus speed select ATCLK/2	SW1/1	Open
Bus speed select ATCLK/3	SW1/1	Closed
í Parity check enabled	SW1/2	Closed
Parity check disabled	SW1/2	Open
í DRAM select 0 wait states	SW1/3	Closed
DRAM select 1 wait state	SW1/3	Open
í Shadow BIOS ROM disabled	SW1/4	Closed
Shadow BIOS ROM enabled	SW1/4	Open

DRAM CONFIGURATION						
Size	Bank 0	P-0	Bank 1	P-1	Bank 2	Bank 3
512KB	(4) 44256	(2) 41256	NONE	NONE	NONE	NONE
512KB	NONE	NONE	NONE	NONE	(2) 256K x 9	NONE
1MB	(4) 44256	(2) 41256	(4) 44256	(2) 41256	NONE	NONE
1MB	NONE	NONE	NONE	NONE	(2) 256K x 9	(2) 256K x 9
1.5MB	(4) 44256	(2) 41256	(4) 44256	(2) 41256	(2) 256K x 9	NONE
2MB	(4) 441000	(2) 411000	NONE	NONE	NONE	NONE
2MB	NONE	NONE	NONE	NONE	(2) 1M x 9	NONE
3MB	(4) 44256	(2) 41256	(4) 44256	(2) 41256	(2) 1M x 9	NONE
4MB	(4) 441000	(2) 411000	(4) 441000	(2) 411000	NONE	NONE
4MB	NONE	NONE	NONE	NONE	(2) 1M x 9	(2) 1M x 9
6MB	(4) 441000	(2) 411000	(4) 441000	(2) 411000	(2) 1M x 9	NONE
8MB	NONE	NONE	NONE	NONE	(2) 4M x 9	NONE
16MB	NONE	NONE	NONE	NONE	(2) 4M x 9	(2) 4M x 9

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PEAKTRON COMPUTER, INC.

PA 286-16/20/25 & PA 386SX-16/20

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DRAM JUMPER CONFIGURATION						
Size	SW1/5	SW1/6	SW1/7	SW1/8	J8	J9
512KB	Open	Closed	Open	Open	pins 2 & 3 closed	pins 1 & 2 closed
512KB	Open	Closed	Open	Open	pins 1 & 2 closed	pins 2 & 3 closed
1MB	Open	Closed	Open	Closed	pins 2 & 3 closed	pins 1 & 2 closed
1MB	Open	Closed	Open	Closed	pins 1 & 2 closed	pins 2 & 3 closed
1.5MB	Open	Open	Closed	Open	pins 2 & 3 closed	pins 1 & 2 closed
2MB	Closed	Open	Open	Open	pins 2 & 3 closed	pins 1 & 2 closed
2MB	Closed	Open	Open	Open	pins 1 & 2 closed	pins 2 & 3 closed
3MB	Open	Closed	Closed	Open	pins 2 & 3 closed	pins 1 & 2 closed
4MB	Closed	Open	Open	Closed	pins 2 & 3 closed	pins 1 & 2 closed
4MB	Closed	Open	Open	Closed	pins 1 & 2 closed	pins 2 & 3 closed
6MB	Closed	Open	Closed	Open	pins 2 & 3 closed	pins 1 & 2 closed
8MB	Closed	Closed	Open	Open	pins 2 & 3 closed	pins 1 & 2 closed
16MB	Closed	Closed	Open	Closed	pins 1 & 2 closed	pins 2 & 3 closed

BIOS CONFIGURATION		
Type	J10	J12
27256	pins 1 & 2 closed	pins 2 & 3 closed
27512	Open	Closed