VTECH INDUSTRIES, INC.
486 ASIC II
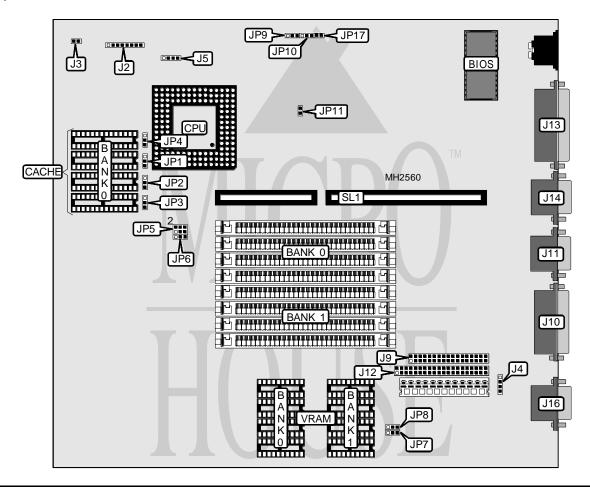
Processor	80486SX/80487SX/ODP486SX/80486DX/80486DX2
Processor Speed	20/25/33/50(internal)/66(internal)MHz
Chip Set	Unidentified
Max. Onboard DRAM	32MB
Cache	128KB
BIOS	Unidentified
Dimensions	330mm x 218mm
I/O Options	Floppy drive interface, game port, IDE interface, parallel port, serial ports (2), VGA port
NPU Options	None

CONNECTIONS			
Purpose	Location	Purpose	Location
Front panel connector	J2	Serial port 2	J11
IDE interface LED	J3	IDE interface	J12
External battery	J4	Parallel port	J13
Speaker	J5	Game port	J14
Floppy drive interface	J9	VGA port	J16
Serial port 1	J10	Riser Card	SL1

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	JP6	pins 2 & 3 closed
í Battery type select internal	JP7	pins 1 & 2 closed
Battert type select external	JP7	pins 2 & 3 closed
í CMOS memory normal operation	JP8	pins 1 & 2 closed
CMOS memory clear	JP8	pins 2 & 3 closed
í Factory configured - do not alter	JP9	Closed
í Factory configured - do not alter	JP11	pins 2 & 3 closed
í On board I/O enabled	JP17	Closed
On board I/O disabled	JP17	Open

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
1MB	(4) 256K x 9	NONE
2MB	(4) 256K x 9	(4) 256K x 9
2MB	(4) 512K x 9	NONE
4MB	(4) 512K x 9	(4) 512K x 9
4MB	(4) 1M x 9	NONE
8MB	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	NONE
20MB	(4) 1M x 9	(4) 4M x 9
32MB	(4) 4M x 9	(4) 4M x 9

CACHE CONFIGURATION	
Size	Bank 0
128KB	(4) 32K x 8
128KB	(4) 32K x 9

CACHE JUMPER CONFIGURATION				
Size	JP1	JP2	JP3	JP4
128KB	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
128KB	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed

CPU TYPE CONFIGURATION	
Type	JP10
80486SX	pins 1 & 2 closed
ODP486SX	pins 2 & 3 closed
80487SX	pins 2 & 3 closed
80486DX	pins 1 & 2 closed
80486DX2	pins 1 & 2 closed
Note: There is a PQFP socket installed but the location is unidentifed. These CPU types are installed in the PGA socket.	

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CPU SPEED CONFIGURATION	
Speed	JP5
20MHz	pins 1 & 2, 5 & 6 closed
25MHz	pins 5 & 6 closed
33MHz	pins 1 & 2, 3 & 4 closed
50iMHz	pins 5 & 6 closed
66iMHz	pins 1 & 2, 3 & 4 closed

VRAM CONFIGURATION
Note: The size of the VRAM memory is unidentified.