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VL-486

Processor	80486SX/80487SX/ODP487SX/80486DX/80486DX2
Processor Speed	25/33/50(internal)/50/66(internal)MHz
Chip Set	UMC
Video Chip Set	None
Maximum Onboard Memory	32MB
Maximum Video Memory	None
Cache	128/256KB
BIOS	AMI
Dimensions	254mm x 218mm
I/O Options	32-bit VESA local bus slots (2)
NPU Options	None
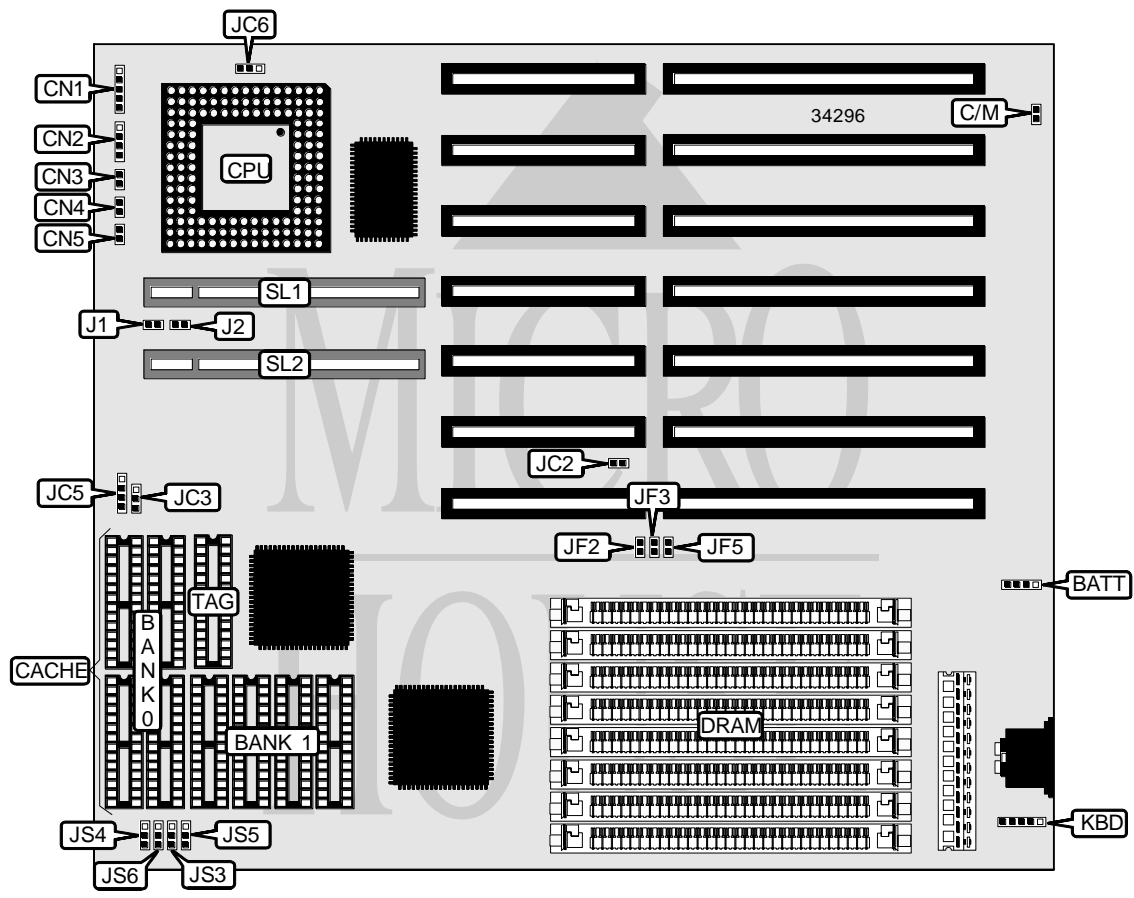
CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
External battery	BATT	Turbo switch	CN4
Power LED & keylock	CN1	Turbo LED	CN5
Speaker	CN2	Auxiliary keyboard connector	KBD
Reset switch	CN3	32-bit VESA local bus slots	SL1 & SL2

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USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
Battery type select internal	BATT	Pins 2 & 3 closed
Battery type select external	BATT	Closed
CMOS memory clear	BATT	Pins 3 & 4 closed
Monitor type select color	C/M	Closed
Monitor type select monochrome	C/M	Open

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
1MB	(4) 256K x 9	None
2MB	(4) 256K x 9	(4) 256K x 9
4MB	(4) 1M x 9	None
5MB	(4) 256K x 9	(4) 1M x 9
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
Note: The location of banks 0 & 1 is unidentified.		

CACHE CONFIGURATION			
Size	**Bank 0**	**Bank 1**	**TAG**
128KB	(4) 32K x 8	None	(1) 8K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8

CACHE JUMPER CONFIGURATION				
Size	**JS3**	**JS4**	**JS5**	**JS6**
128KB	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
256KB	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed

CPU SPEED SELECTION					
Speed	**JC2**	**JC3**	**JF2**	**JF3**	**JF5**
25MHz	Open	2 & 3	Closed	Closed	Open
33MHz	Open	2 & 3	Open	Closed	Closed
50iMHz	Open	2 & 3	Closed	Closed	Open
50MHz	Closed	1 & 2	Open	Open	Open
66iMHz	Open	2 & 3	Open	Closed	Closed
Note: Pins designated should be in the closed position.					

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CPU TYPE SELECTION		
Type	**JC5**	**JC6**
80486SX	Pins 2 & 3 closed	Open
80487SX	Pins 1 & 2, 3 & 4 closed	Pins 2 & 3 closed
ODP487SX	Pins 1 & 2, 3 & 4 closed	Pins 2 & 3 closed
80486DX	Pins 1 & 2, 3 & 4 closed	Pins 1 & 2 closed
80486DX2	Pins 1 & 2, 3 & 4 closed	Pins 1 & 2 closed

VL BUS WAIT STATE SELECTION	
Setting	**J2**
í 0	Open
1	Closed

VL BUS SPEED SELECTION	
Speed	**J1**
<= 33MHz	Open
>33 MHz	Closed