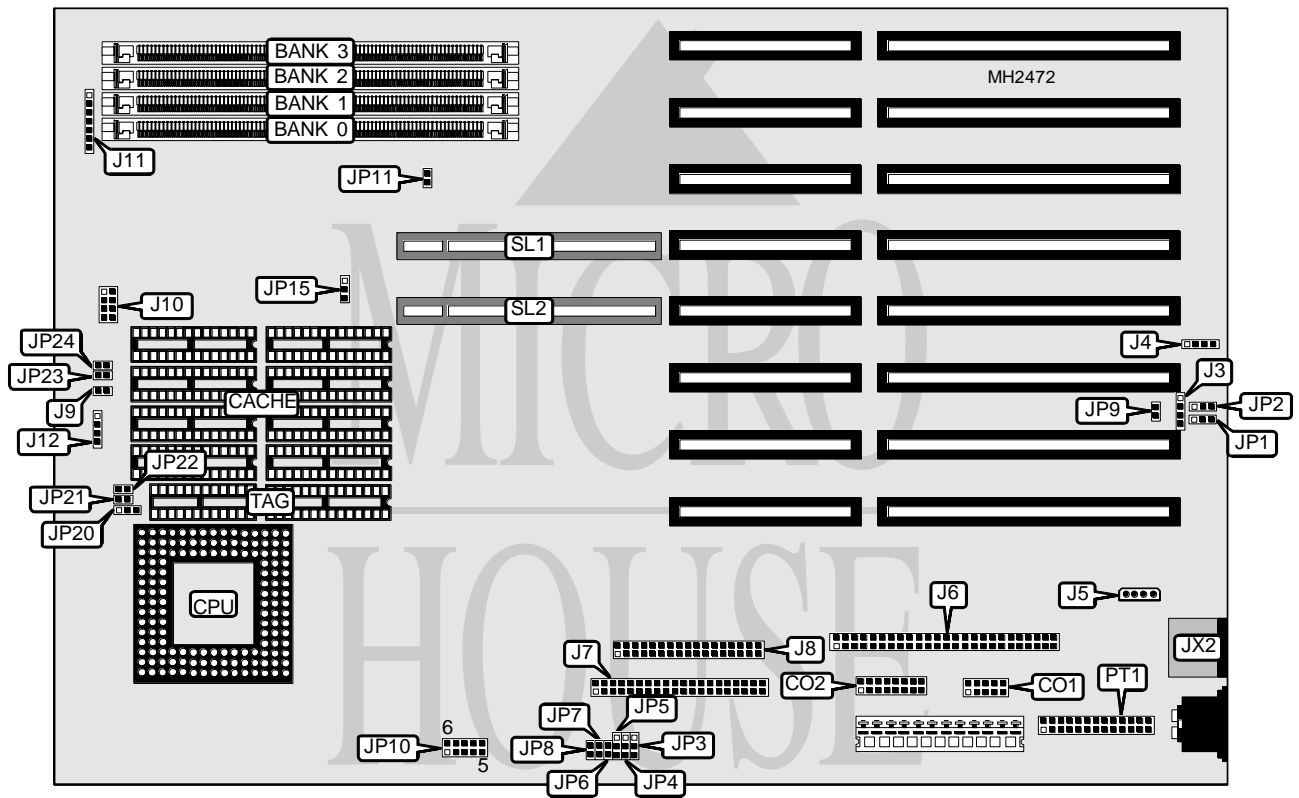


# ACER, INC.

## ACERPOWER SV/V/DV (V10 PROJECT)

<b>Processor</b>	80486SX/80486DX/80486DX2
<b>Processor Speed</b>	20/25/33/40/50(internal)/50/66(internal)MHz
<b>Chip Set</b>	Unidentified
<b>Max. Onboard DRAM</b>	64MB
<b>Cache</b>	64/128/256KB
<b>BIOS</b>	Unidentified
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	32-bit VESA local bus slots (2), floppy drive interface, green PC connector, green VGA connector, IDE interface, SCSI connector, parallel port, PS/2 mouse port, serial ports (2)
<b>NPU Options</b>	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Serial port 1	CO1	Chassis fan power	J9
Serial port 2	CO2	LED connector	J10
External battery	J3	Optional keyboard/mouse	J11
Green VGA connector	J4	IDE interface LED	J12
Green PC connector	J5	PS/2 mouse port	JX2
SCSI interface	J6	Parallel port	PT1
IDE interface	J7	32-bit VESA local bus slots	SL1 & SL2
Floppy drive interface	J8		

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## ACERPOWER SV/V/DV (V10 PROJECT)

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Password disabled	JP1	pins 2 & 3 closed
Password enabled	JP1	pins 1 & 2 closed
í Acer copyright enabled	JP2	pins 1 & 2 closed
Acer copyright disabled	JP2	pins 2 & 3 closed
í SCSI I/O address select 340-35F	JP6	Open
SCSI I/O address select 140-15F	JP6	Closed
í M5105 enabled	JP7	Closed
M5105 disabled	JP7	Open
í Bidirectional parallel port enabled	JP8	Closed
Bidirectional parallel port disabled	JP8	Open
í Battery type select internal	JP9	Closed
Battery type select external	JP9	Open
í Reset key enabled	JP23	Closed
Reset key disabled	JP23	Open
í Keylock disabled	JP24	Closed
Keylock enabled	JP24	Open

DRAM CONFIGURATION					
Size	On board	Bank 0	Bank 1	Bank 2	Bank 3
4MB	4MB	NONE	NONE	NONE	NONE
8MB	4MB	NONE	(1) 1M x 36	NONE	NONE
12MB	4MB	NONE	(1) 1M x 36	(1) 1M x 36	NONE
16MB	4MB	NONE	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	Disabled	(1) 4M x 36	NONE	NONE	NONE
20MB	4MB	NONE	(1) 4M x 36	NONE	NONE
24MB	4MB	NONE	(1) 1M x 36	(1) 4M x 36	NONE
32MB	Disabled	(1) 4M x 36	(1) 4M x 36	NONE	NONE
36MB	4MB	NONE	(1) 4M x 36	(1) 4M x 36	NONE
40MB	4MB	NONE	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36
48MB	Disabled	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	NONE
64MB	Disabled	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36

Note: This board has 4MB of memory factory installed. If memory is disabled, use the DRAM jumper configuration table.

DRAM JUMPER CONFIGURATION	
Type	JP15
On board 4MB RAM enabled	pins 2 & 3 closed
On board 4MB RAM disabled	pins 1 & 2 closed

CACHE CONFIGURATION				
Size	Bank 0	Bank 1	TAG	TAG (DIRTY)
64KB	(4) 8K x 8	(4) 8K x 8	(1) 8K x 8 or 32K x 8	(1) 16K x 4
128KB	(4) 32K x 8	NONE	(1) 8K x 8 or 32K x 8	(1) 16K x 4
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8	(1) 16K x 4

Note: The orientation of the cache banks and TAG banks are unidentified.

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## ACERPOWER SV/V/DV (V10 PROJECT)

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CACHE JUMPER CONFIGURATION			
Size	JP20	JP21	JP22
64KB	pins 2 & 3 closed	Open	Open
128KB	pins 1 & 2 closed	Closed	Open
256KB	pins 2 & 3 closed	Closed	Closed

CPU SPEED CONFIGURATION	
Speed	JP10
20MHz	pins 1 & 6 closed
25MHz	pins 2 & 7 closed
33MHz	pins 3 & 8 closed
40MHz	pins 4 & 9 closed
50iMHz	pins 2 & 7 closed
50MHz	pins 5 & 10 closed
66iMHz	pins 3 & 8 closed

VESA WAIT STATE CONFIGURATION	
Wait state	JP11
0 wait states	Open
1 wait state	Closed

SCSI IRQ CONFIGURATION	
IRQ	JP3
Disabled	Open
IRQ10	pins 1 & 2 closed
IRQ11	pins 2 & 3 closed

SCSI DMA CONFIGURATION		
DMA	JP4	JP5
Disabled	Open	Open
DMA 5	pins 1 & 2 closed	pins 1 & 2 closed
DMA 6	pins 2 & 3 closed	pins 2 & 3 closed