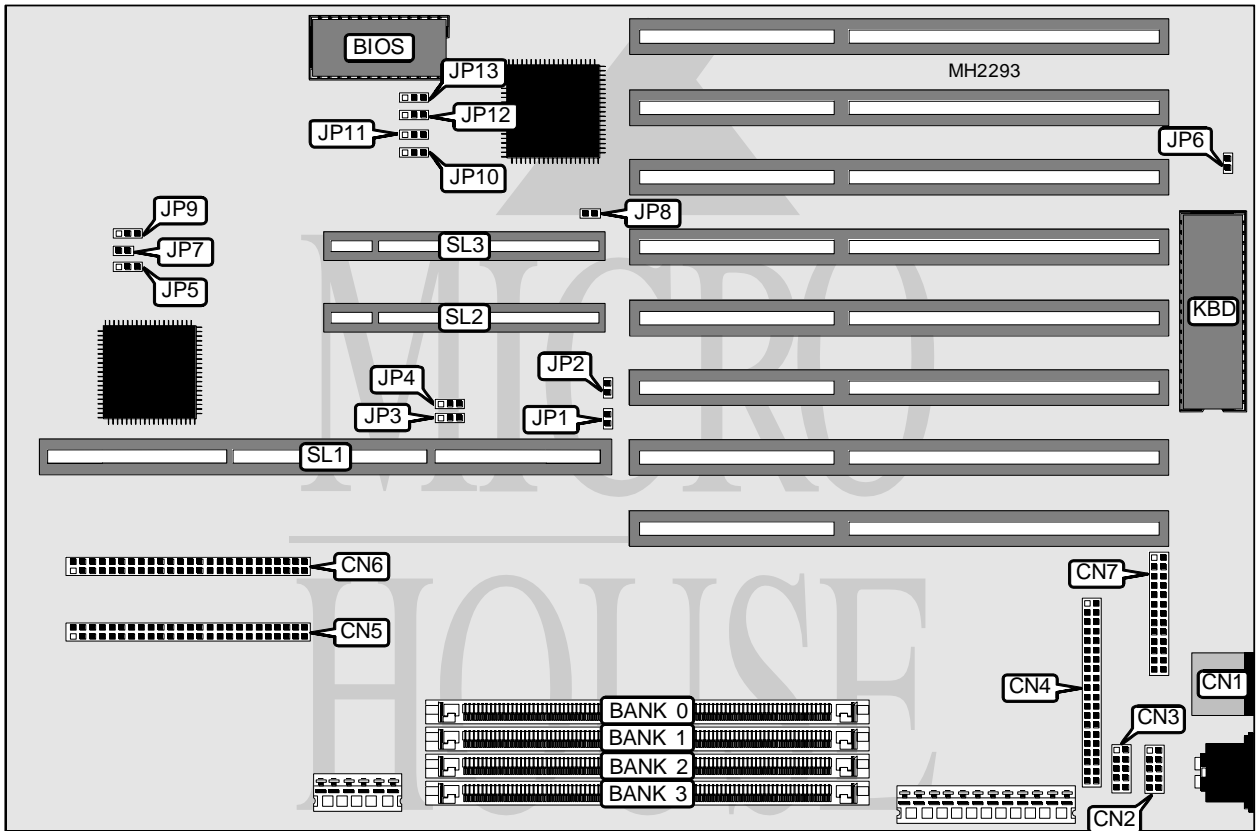


# APRICOT COMPUTERS LIMITED EPX (EISA DESKTOP/ FT//EX DESKSIDE)

<b>Processor</b>	80486SX/80487SX/ODP486SX/80486DX/80486DX2/Pentium Overdrive/Pentium (depends on CPU card installed)
<b>Processor Speed</b>	25/33/40/50/50(internal)/60/66(internal)/66/80MHz
<b>Chip Set</b>	Unidentified
<b>Max. Onboard DRAM</b>	128/256MB (depends on CPU card installed)
<b>Cache</b>	64/128/256/512/1024KB (depends on CPU card installed)
<b>BIOS</b>	Unidentified
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	External CPU slot, 32-bit VESA local bus slots (2), IDE interface, SCSI connectors (2), parallel port, PS/2 mouse port, serial ports (2)
<b>NPU Options</b>	None



CONNECTIONS			
Purpose	Location	Purpose	Location
PS/2 mouse port	CN1	SCSI connector	CN6
Serial port 1	CN2	Parallel port	CN7
Serial port 2	CN3	Reset switch	JP7
IDE interface	CN4	External CPU slot	SL1
SCSI connector	CN5	32-bit VESA local bus slots	SL2 & SL3

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# APRICOT COMPUTERS LIMITED

## EPX (EISA DESKTOP/ FT//EX DESKSIDE)

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
1 Factory configured - do not alter	JP5	Open
1 Password enabled	JP6	pins 1 & 2 closed
Password disabled	JP6	pins 2 & 3 closed
1 IRQ type select IRQ10	JP8	pins 1 & 2 closed
IRQ type select IRQ11	JP8	pins 2 & 3 closed
1 On board buzzer enabled	JP9	pins 1 & 2 closed
External speaker installed	JP9	pins 2 & 3 closed

DRAM CONFIGURATION (80486 EPX DESKTOP & FT//EX DESKSIDE)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
4MB	(1) 1M x 36	NONE	NONE	NONE
8MB	(1) 2M x 36	NONE	NONE	NONE
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	NONE
16MB	(1) 2M x 36	(1) 2M x 36	NONE	NONE
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 4M x 36	NONE	NONE	NONE
20MB	(1) 1M x 36	(1) 4M x 36	NONE	NONE
24MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	NONE
24MB	(1) 1M x 36	(1) 4M x 36	(1) 1M x 36	NONE
28MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 1M x 36
28MB	(1) 1M x 36	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36
32MB	(1) 8M x 36	NONE	NONE	NONE
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
36MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	NONE
36MB	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36	NONE
40MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36
40MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36
40MB	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	NONE
52MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
52MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36
64MB	(1) 8M x 36	(1) 8M x 36	NONE	NONE
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
64MB	(1) 16M x 36	NONE	NONE	NONE
72MB	(1) 1M x 36	(1) 1M x 36	(1) 16M x 36	NONE
80MB	(1) 4M x 36	(1) 16M x 36	NONE	NONE
84MB	(1) 1M x 36	(1) 4M x 36	(1) 16M x 36	NONE
84MB	(1) 4M x 36	(1) 16M x 36	(1) 1M x 36	NONE
88MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 16M x 36
88MB	(1) 4M x 36	(1) 16M x 36	(1) 1M x 36	(1) 1M x 36
96MB	(1) 4M x 36	(1) 4M x 36	(1) 16M x 36	NONE
96MB	(1) 4M x 36	(1) 16M x 36	(1) 4M x 36	NONE

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## EPX (EISA DESKTOP/ FT//EX DESKSIDE)

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DRAM CONFIGURATION (80486 EPX DESKTOP & FT//EX DESKSIDE CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
100MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	(1) 16M x 36
100MB	(1) 4M x 36	(1) 16M x 36	(1) 4M x 36	(1) 1M x 36
112MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 16M x 36
112MB	(1) 4M x 36	(1) 16M x 36	(1) 4M x 36	(1) 4M x 36
128MB	(1) 16M x 36	(1) 16M x 36	NONE	NONE
132MB	(1) 16M x 36	(1) 16M x 36	(1) 1M x 36	NONE
136MB	(1) 16M x 36	(1) 16M x 36	(1) 1M x 36	(1) 1M x 36
144MB	(1) 16M x 36	(1) 16M x 36	(1) 4M x 36	NONE
144MB	(1) 4M x 36	(1) 16M x 36	(1) 16M x 36	NONE
148MB	(1) 1M x 36	(1) 4M x 36	(1) 16M x 36	(1) 16M x 36
148MB	(1) 16M x 36	(1) 16M x 36	(1) 4M x 36	(1) 1M x 36
160MB	(1) 1M x 36	(1) 1M x 36	(1) 16M x 36	(1) 16M x 36
160MB	(1) 1M x 36	(1) 16M x 36	(1) 1M x 36	(1) 16M x 36
160MB	(1) 16M x 36	(1) 16M x 36	(1) 1M x 36	(1) 1M x 36
192MB	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36	NONE
208MB	(1) 4M x 36	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36
208MB	(1) 16M x 36	(1) 16M x 36	(1) 4M x 36	(1) 16M x 36
256MB	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36

DRAM CONFIGURATION (PENTIUM EPX DESKTOP)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 2M x 36	(1) 2M x 36	NONE	NONE
24MB	(1) 1M x 36	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36
24MB	(1) 2M x 36	(1) 2M x 36	(1) 1M x 36	(1) 1M x 36
32MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
40MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36
40MB	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36
48MB	(1) 2M x 36	(1) 2M x 36	(1) 4M x 36	(1) 4M x 36
48MB	(1) 4M x 36	(1) 4M x 36	(1) 2M x 36	(1) 2M x 36
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
64MB	(1) 8M x 36	(1) 8M x 36	NONE	NONE
72MB	(1) 1M x 36	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36
72MB	(1) 8M x 36	(1) 8M x 36	(1) 1M x 36	(1) 1M x 36
80MB	(1) 2M x 36	(1) 2M x 36	(1) 8M x 36	(1) 8M x 36
80MB	(1) 8M x 36	(1) 8M x 36	(1) 2M x 36	(1) 2M x 36
96MB	(1) 4M x 36	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36
96MB	(1) 8M x 36	(1) 8M x 36	(1) 4M x 36	(1) 4M x 36
128MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36

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## EPX (EISA DESKTOP/ FT//EX DESKSIDE)

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DRAM CONFIGURATION (PENTIUM FT//EX DESKSIDE MAINBOARD)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(1) 1M x 36	(2) 1M x 36	NONE	NONE
16MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
24MB	(1) 1M x 36	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36
32MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
56MB	(1) 1M x 36	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36
64MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
120MB	(1) 1M x 36	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36
128MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
256MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36

Note: If installing 8MB or 24MB use only DRAM sockets on mainboard. Any other configuration uses this table and the table below.

DRAM CONFIGURATION (PENTIUM FT//EX DESKSIDE CPU BOARD)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
16MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
32MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
56MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
64MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
120MB	(1) 4M x 36	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36
128MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
256MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36

Note: If installing 8MB or 24MB use only DRAM sockets on mainboard. Any other configuration uses this table and the table above.

SCSI CONFIGURATION			
Setting	JP1	JP2	
Installed	Open	Open	
Not installed	Closed	Closed	

VESA WAIT STATE CONFIGURATION	
Wait states	JP3
0 wait states	pins 1 & 2 closed
1 wait state	pins 2 & 3 closed

BUS SPEED CONFIGURATION	
CPU speed	JP4
<= 33MHz	pins 1 & 2 closed
> 33MHz	pins 2 & 3 closed

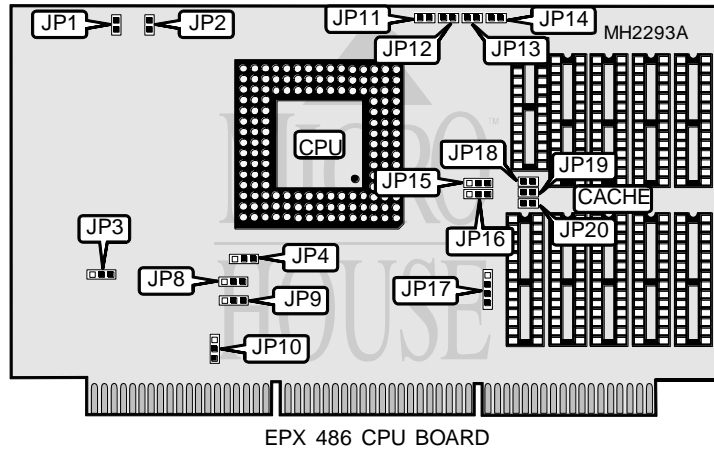
BATTERY TYPE CONFIGURATION				
Type	JP10	JP11	JP12	JP13
Dallas	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed
B.M.	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed

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# APRICOT COMPUTERS LIMITED

## EPX (EISA DESKTOP/ FT//EX DESKSIDE)

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EPX 486 CPU BOARD

### USER CONFIGURABLE SETTINGS

Function	Jumper	Position
VLB LADS MHz support select 33MHz	JP3	pins 1 & 2 closed
VLB LADS MHz support select 50MHz	JP3	pins 2 & 3 closed
Local bus disabled	JP10	pins 1 & 2 closed
Local bus enabled	JP10	pins 2 & 3 closed

### CACHE CONFIGURATION

Note: The bank configuration and chip sizes are unidentified by the manufacturer.

### CACHE JUMPER CONFIGURATION

Size	JP11	JP12	JP13	JP14	JP18	JP19	JP20
64KB	Open	Open	Open	Open	Open	Open	Open
128KB	Closed	Open	Open	Open	Open	Closed	Open
256KB	Closed	Closed	Open	Open	Open	Closed	Closed
1024KB	Closed	Closed	Closed	Closed	Closed	Closed	Closed

### CACHE BANK CONFIGURATION

Size	JP15	JP16
Single bank	pins 1 & 2 closed	pins 1 & 2 closed
Double bank	pins 2 & 3 closed	pins 2 & 3 closed

### CPU TYPE CONFIGURATION

Type	JP4
80486SX	pins 1 & 2 closed
80487SX	pins 2 & 3 closed
ODP486SX	pins 2 & 3 closed
80486DX/DX2	Open
Pentium Overdrive	pins 2 & 3 closed

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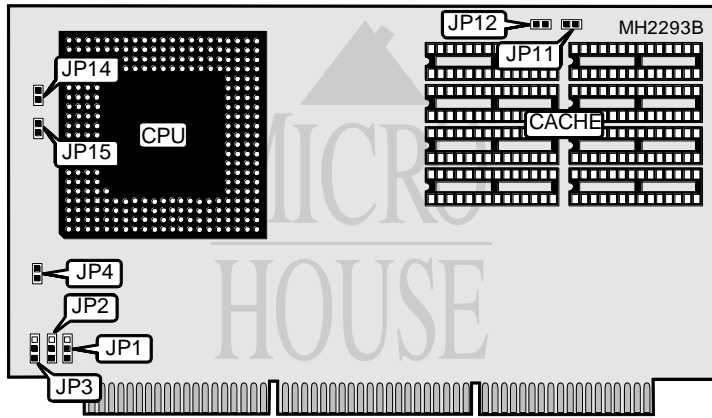
## EPX (EISA DESKTOP/ FT//EX DESKSIDE)

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CPU SPEED CONFIGURATION		
Speed	JP8	JP9
25MHz	pins 1 & 2 closed	pins 1 & 2 closed
33MHz	pins 1 & 2 closed	pins 2 & 3 closed
40MHz	pins 2 & 3 closed	pins 1 & 2 closed
50iMHz	pins 1 & 2 closed	pins 1 & 2 closed
50MHz	pins 2 & 3 closed	pins 2 & 3 closed
66iMHz	pins 1 & 2 closed	pins 2 & 3 closed

CPU CLOCK SPEED CONFIGURATION		
Speed	JP1	JP2
25MHz	Open	Open
33MHz	Open	Closed
40MHz	Closed	Open
50iMHz	Open	Open
50MHz	Closed	Closed
66iMHz	Open	Closed

BUS SPEED CONFIGURATION	
CPU speed	JP17
<= 33MHz	pins 1 & 2, 3 & 4 closed
> 33MHz	pins 2 & 3 closed



EXP PENTIUM CPU BOARD

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
<sup>1</sup> Factory configured - do not alter	JP4	Open

**CACHE CONFIGURATION**  
 Note: The bank configuration and chip sizes are unidentified by the manufacturer.

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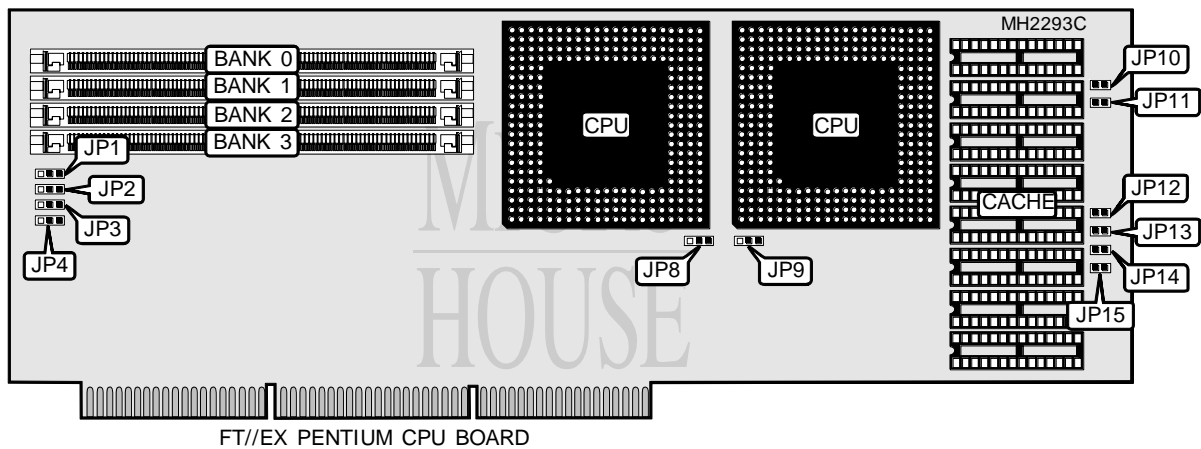
# APRICOT COMPUTERS LIMITED

## EPX (EISA DESKTOP/ FT//EX DESKSIDE)

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CACHE JUMPER CONFIGURATION				
Size	JP11	JP12	JP14	JP15
256KB	Open	Open	Open	Open
1024KB	Closed	Closed	Closed	Closed

CPU OSCILLATOR SPEED CONFIGURATION			
Speed	JP1	JP2	JP3
33MHz	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed
40MHz	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed
50MHz	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
60MHz	pins 2 & 3 closed	N/A	N/A
66MHz	N/A	pins 1 & 2 closed	pins 1 & 2 closed
80MHz	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed



FT//EX PENTIUM CPU BOARD

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
Local bus enabled	JP4	pins 1 & 2 closed
Local bus disabled	JP4	pins 2 & 3 closed

**CACHE CONFIGURATION**  
 Note: The bank configuration and chip sizes are unidentified by the manufacturer.

CACHE JUMPER CONFIGURATION						
Size	JP10	JP11	JP12	JP13	JP14	JP15
128KB	Open	Open	Open	Open	Open	Open
256KB	Closed	Open	Open	Closed	Open	Open
512KB	Closed	Closed	Open	Closed	Closed	Open
1024KB	Closed	Closed	Closed	Closed	Closed	Closed

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## EPX (EISA DESKTOP/ FT//EX DESKSIDE)

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CACHE BANK CONFIGURATION		
Size	JP8	JP9
Single bank	(4) 8K x 8	(1) 8K x 8
Double bank	(4) 32K x 8	(1) 32K x 8

CPU OSCILLATOR SPEED CONFIGURATION			
Speed	JP1	JP2	JP3
33MHz	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed
40MHz	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed
50MHz	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
66MHz	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed
80MHz	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed