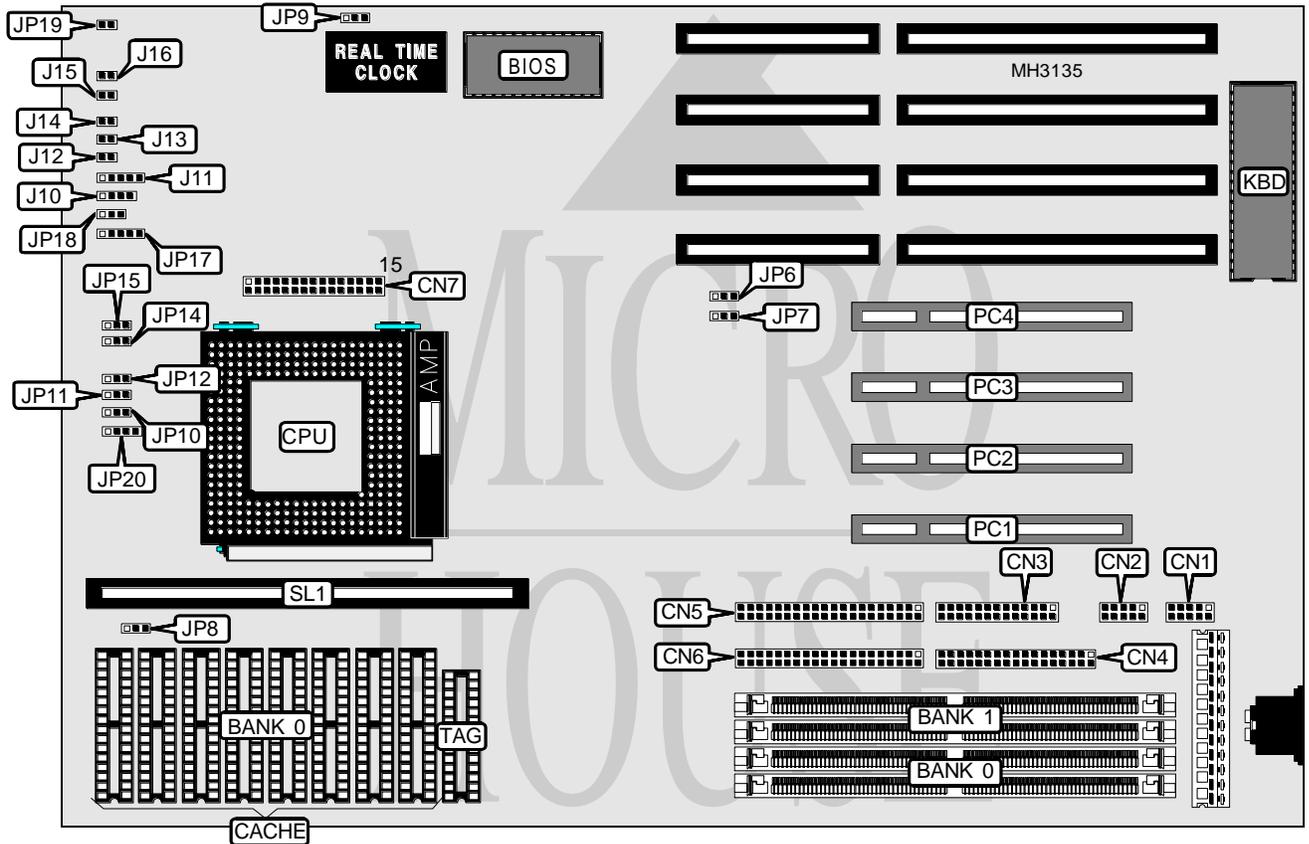


# EFA CORPORATION P 5 5 T P I O

<b>Processor</b>	Pentium
<b>Processor Speed</b>	75/90/100/120/133/150/166MHz
<b>Chip Set</b>	Intel
<b>Max. Onboard DRAM</b>	128MB
<b>Cache</b>	256/512KB
<b>BIOS</b>	Award
<b>Dimensions</b>	290mm x 220mm
<b>I/O Options</b>	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, serial ports (2), VRM connector, cache slot
<b>NPU Options</b>	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Serial port 1	CN1	Power LED & keylock	J11
Serial port 2	CN2	IDE interface LED	J12
Parallel port	CN3	Green PC connector	J13
Floppy drive interface	CN4	Turbo LED	J14
IDE interface 1	CN5	Turbo switch	J15
IDE interface 2	CN6	Reset switch	J16
VRM connector	CN7	32-bit PCI slots	PC1 - PC4
Speaker	J10	Cache slot	SL1

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Flash BIOS voltage select 5v	JP9	pins 1 & 2 closed
Flash BIOS voltage select 12v	JP9	pins 2 & 3 closed
í CMOS memory normal operation	JP19	Open
CMOS memory clear	JP19	Closed

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
2MB	(2) 256K x 36	NONE
4MB	(2) 512K x 36	NONE
4MB	(2) 256K x 36	(2) 256K x 36
6MB	(2) 512K x 36	(2) 256K x 36
6MB	(2) 256K x 36	(2) 512K x 36
8MB	(2) 1M x 36	NONE
8MB	(2) 512K x 36	(2) 512K x 36
10MB	(2) 1M x 36	(2) 256K x 36
10MB	(2) 256K x 36	(2) 1M x 36
12MB	(2) 1M x 36	(2) 512K x 36
12MB	(2) 512K x 36	(2) 1M x 36
16MB	(2) 2M x 36	NONE
16MB	(2) 1M x 36	(2) 1M x 36
18MB	(2) 2M x 36	(2) 256K x 36
18MB	(2) 256K x 36	(2) 2M x 36
20MB	(2) 2M x 36	(2) 512K x 36
20MB	(2) 512K x 36	(2) 2M x 36
24MB	(2) 2M x 36	(2) 1M x 36
24MB	(2) 1M x 36	(2) 2M x 36
32MB	(2) 4M x 36	NONE
32MB	(2) 2M x 36	(2) 2M x 36
34MB	(2) 4M x 36	(2) 256K x 36
34MB	(2) 256K x 36	(2) 4M x 36
36MB	(2) 4M x 36	(2) 512K x 36
36MB	(2) 512K x 36	(2) 4M x 36
40MB	(2) 4M x 36	(2) 1M x 36
40MB	(2) 1M x 36	(2) 4M x 36
48MB	(2) 4M x 36	(2) 2M x 36
48MB	(2) 2M x 36	(2) 4M x 36
64MB	(2) 8M x 36	NONE
64MB	(2) 4M x 36	(2) 4M x 36
66MB	(2) 8M x 36	(2) 256K x 36
66MB	(2) 256K x 36	(2) 8M x 36
68MB	(2) 8M x 36	(2) 512K x 36
68MB	(2) 512K x 36	(2) 8M x 36
72MB	(2) 8M x 36	(2) 1M x 36
72MB	(2) 1M x 36	(2) 8M x 36

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# EFA CORPORATION

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DRAM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
80MB	(2) 8M x 36	(2) 2M x 36
80MB	(2) 2M x 36	(2) 8M x 36
96MB	(2) 8M x 36	(2) 4M x 36
96MB	(2) 4M x 36	(2) 8M x 36
128MB	(2) 8M x 36	(2) 8M x 36

Note: Board will also accept non-parity chips.

CACHE CONFIGURATION			
Size	Bank 0	TAG	SL1
256KB (A)	(8) 32K x 8	(1) 32K x 8	Not installed
256KB (B)	NONE	NONE	Installed
512KB (A)	(8) 64K x 8	(1) 32K x 8	Not installed
512KB (B)	NONE	NONE	Installed

CACHE JUMPER CONFIGURATION				
Size	JP10	JP11	JP12	JP20
None	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed	Open
256KB (A)	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2, 3 & 4 closed
256KB (B)	Open	Open	Open	Open
512KB (A)	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2, 3 & 4 closed
512KB (B)	Open	Open	Open	Open

CACHE VOLTAGE CONFIGURATION	
Voltage	JP8
Mixed mode	pins 1 & 2 closed
3.3v	pins 2 & 3 closed

CPU CLOCK SPEED CONFIGURATION			
Speed	JP6	JP7	JP18
50MHz	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed
60MHz	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed
66MHz	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed

CPU CLOCK RATIO CONFIGURATION		
Core/bus ratio	JP14	JP15
1.5	pins 1 & 2 closed	pins 1 & 2 closed
2	pins 2 & 3 closed	pins 1 & 2 closed
2.5	pins 2 & 3 closed	pins 2 & 3 closed
3	pins 1 & 2 closed	pins 2 & 3 closed

CPU VOLTAGE CONFIGURATION	
Voltage	JP17
3.3v	pins 1 & 2 closed
3.4v	pins 2 & 3 closed
3.5v	pins 4 & 5 closed

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# EFA CORPORATION

## P55TP10

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VRM CONFIGURATION	
CPU type	CN7
P54C	pins 4 & 5, 6 & 7, 19 & 20, 21 & 22 closed
P55C	VRM installed
Note: Pin 1 is shown for clarification purposes only.	