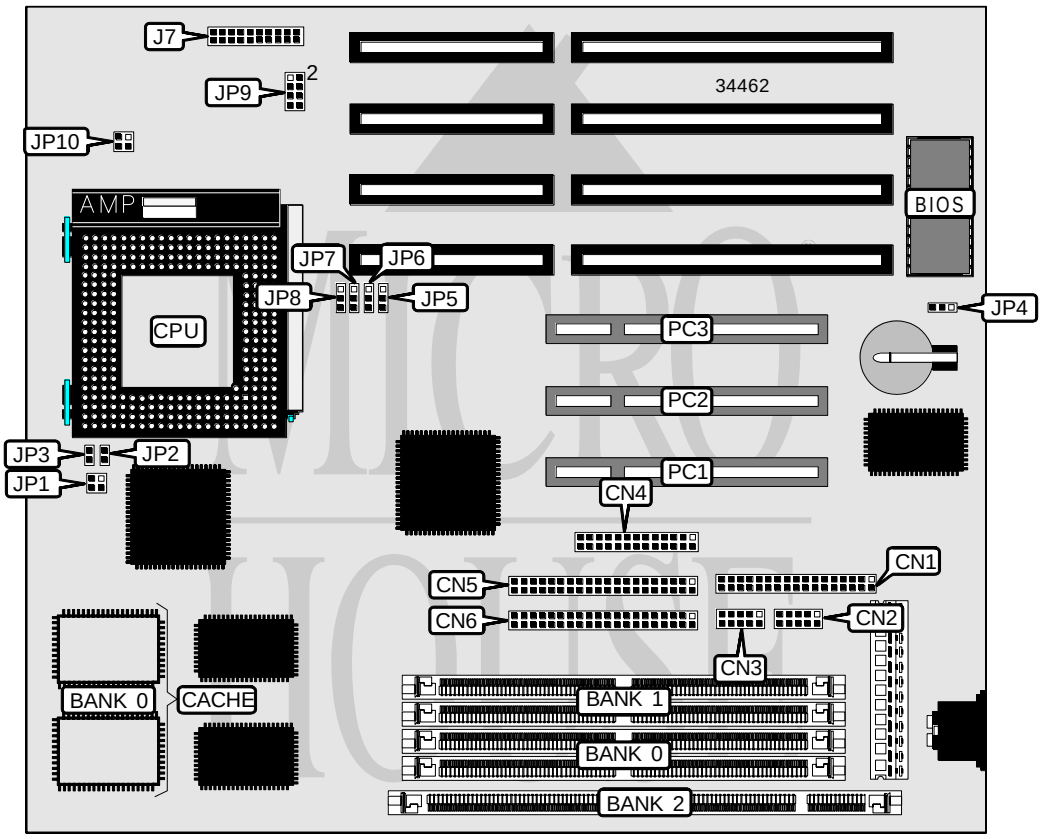
EFA CORPORATION
P 5 V 5 8 0 - A T

Processor	CX M1/AM K5/Pentium
Processor Speed	75/90/100/120/133/150/166/200MHz
Chip Set	VIA
Video Chip Set	None
Maximum Onboard Memory	512MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	Award
Dimensions	230mm x 220mm
I/O Options	32-bit PCI slots (3), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, serial ports (2)
NPU Options	None



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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Floppy drive interface	CN1	Power LED & keylock	J7/pins 2, 4, 6, 8, 10
Serial port 1	CN2	Turbo LED	J7/pins 11 & 12
Serial port 2	CN3	Green PC connector	J7/pins 13 & 14
Parallel port	CN4	IDE interface LED	J7/pins 15 & 16
IDE interface 2	CN5	Reset switch	J7/pins 17 & 18
IDE interface 1	CN6	Green PC LED	J7/pins 19 & 20
Speaker	J7/pins 1, 3, 5, 7	32-bit PCI slots	PC1 – PC3

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í Factory configured - do not alter	JP1	Unidentified
í Factory configured - do not alter (CMOS memory)	JP4	Unidentified
í Factory configured - do not alter	JP5	Unidentified
í Factory configured - do not alter	JP9	Unidentified
í Factory configured - do not alter	JP10	Unidentified

DRAM CONFIGURATION		
Size	**Bank 0**	**Bank 1**
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36
128MB	(2) 16M x 36	None
136MB	(2) 16M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36
192MB	(2) 16M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36
256MB	(2) 32M x 36	None
264MB	(2) 32M x 36	(2) 1M x 36

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DRAM CONFIGURATION (CON'T)		
Size	**Bank 0**	**Bank 1**
272MB	(2) 32M x 36	(2) 2M x 36
288MB	(2) 32M x 36	(2) 4M x 36
320MB	(2) 32M x 36	(2) 8M x 36
384MB	(2) 32M x 36	(2) 16M x 36
512MB	(2) 32M x 36	(2) 32M x 36
Note: Board accepts EDO memory. Board also accepts x 32 SIMMs. Memory installed in Banks 1 & 2 is interchangeable.		

DIMM CONFIGURATION	
Size	**Bank 2**
8MB	(1) 1M x 64
16MB	(1) 2M x 64
32MB	(1) 4M x 64
64MB	(1) 8M x 64

CACHE CONFIGURATION	
Size	**Bank 0**
256KB	(2) 32K x 32
512KB	(2) 64K x 32

CPU SPEED SELECTION (CYRIX)							
CPU speed	**Clock speed**	**Multiplier**	**JP2**	**JP3**	**JP6**	**JP7**	**JP8**
120MHz	50MHz	2x	Open	Closed	2 & 3	2 & 3	2 & 3
133MHz	55MHz	2x	Open	Closed	1 & 2	2 & 3	2 & 3
150MHz	60MHz	2x	Open	Closed	2 & 3	2 & 3	1 & 2
166MHz	66MHz	2x	Open	Closed	2 & 3	1 & 2	2 & 3
200MHz	75MHz	2x	Open	Closed	1 & 2	2 & 3	1 & 2
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (AMD)							
CPU speed	**Clock speed**	**Multiplier**	**JP2**	**JP3**	**JP6**	**JP7**	**JP8**
75MHz	50MHz	1.5x	Open	Open	2 & 3	2 & 3	2 & 3
90MHz	60MHz	1.5x	Open	Open	2 & 3	2 & 3	1 & 2
100MHz	66MHz	1.5x	Open	Open	2 & 3	1 & 2	2 & 3
120MHz	60MHz	1.5x	Open	Open	2 & 3	2 & 3	1 & 2
133MHz	66MHz	1.5x	Open	Open	2 & 3	1 & 2	2 & 3
Note: Pins designated should be in the closed position.							

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CPU SPEED SELECTION (INTEL)							
CPU speed	**Clock speed**	**Multiplier**	**JP2**	**JP3**	**JP6**	**JP7**	**JP8**
75MHz	50MHz	1.5x	Open	Open	2 & 3	2 & 3	2 & 3
90MHz	60MHz	1.5x	Open	Open	2 & 3	2 & 3	1 & 2
100MHz	66MHz	1.5x	Open	Open	2 & 3	1 & 2	2 & 3
120MHz	60MHz	2x	Open	Closed	2 & 3	2 & 3	1 & 2
133MHz	66MHz	2x	Open	Closed	2 & 3	1 & 2	2 & 3
150MHz	60MHz	2.5x	Closed	Closed	2 & 3	2 & 3	1 & 2
166MHz	66MHz	2.5x	Closed	Closed	2 & 3	1 & 2	2 & 3
200MHz	66MHz	3x	Closed	Open	2 & 3	1 & 2	2 & 3
Note: Pins designated should be in the closed position.							